

# COEFFICIENT OF CONSERVATISM RANKINGS FOR THE FLORA OF MONTANA: PART II



Prepared for:  
**Montana Department of Environmental Quality**

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**Montana Natural Heritage Program**  
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Prepared for:

**MONTANA DEPARTMENT OF ENVIRONMENTAL QUALITY**  
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## EXECUTIVE SUMMARY

Species and land conservation requires the ability to assess natural areas. The Floristic Quality Assessment Index (FQAI) is a tool that uses plants to make standardized comparisons among open land areas, to set conservation priorities, to monitor project areas, and to restore habitats. The basic component of the FQAI is the assignment of a coefficient of conservatism (C-) value to individual plant species. For a given geography, C-values reflect the plant's tolerance to natural and/or human disturbance and its affinity to a specific, unimpaired habitat. The *Coefficient of Conservatism Rankings for the Flora of Montana: Part I* report detailed the process, methodology, and results used by the Montana Natural Heritage Program (MTNHP) in 2004-2005 and 2015 to assign C-values to 1,412 plant taxa. This report is part II in the process for assigning Coefficient of Conservatism values to Montana's plants. The 2016 panel of botanical and ecological experts with field-based knowledge of Montana's flora evaluated 316 plant taxa (species, varieties, subspecies, or hybrids) that lacked a C-value, is known or reported to occur in Montana, and is listed on the 2014 U.S. Army Corps of Engineers (COE) Regional Wetland Plant Lists for the Western Mountains, Valleys, and Coast; Arid West; and Great Plains. In the process these species were also re-examined to determine their presence and their origin (native or exotic) in Montana. Of the 316 plants: a) 211 plants were assigned a C-value, b) 70 plants were not assigned a C-value because more information on the plant's habitat and response to disturbance is needed, its taxonomy needs to be understood, or its presence in Montana needs to be confirmed, and c) 33 plants were documented to not be present (at this time) in Montana. Across all years, 1,623 Montana plant taxa have an assigned C-value. Approximately 948 plant species still lack a C-value assignment and funding opportunities will be sought.

## **ACKNOWLEDGMENTS**

This project was funded by the Montana Department of Environmental Quality. We would like to thank Lynda Saul for her enthusiasm to develop Coefficient of Conservatism values for plants in Montana, and Jordan Tollefson for leading the MTDEQ wetland program. Thank you to the Ecologists and Botanists who passionately share their knowledge of and experiences with our vascular plants in Montana: Drake Barton, Stephen Cooper, Peter Husby, Marc Jones, Peter Lesica, Tara Luna, Mary Manning, Scott Mincemoyer, Karen Newlon, John Pierce, Ken Scow, and Steve Shelly. Any errors or omissions in the report are entirely the responsibility of the author.

## **1.0 INTRODUCTION**

Conservation of our species and landscapes is accomplished through land preservation, habitat restoration, and development of effective management techniques. Species and land conservation requires the ability to assess natural areas. The Floristic Quality Assessment Index (FQAI) is a tool that uses plants to make standardized comparisons among open land areas, to set conservation priorities, to monitor project areas, and to restore habitats (Wilhelm and Masters 1995). A key component of using FQAI is to assign a Coefficient of Conservatism (C-) value to an individual plant species that is specific to a defined geography. This report is part II in the process for assigning Coefficient of Conservatism values to Montana's plants. It outlines the practical uses of FQAI, defines the process used by the Montana Natural Heritage Program (MTNHP) to assign C-values to plants in Montana, and provides the C-values data.

It is commonly accepted that plants and animals occupy habitats to which they are adapted (Wilhelm and Masters 1995). European settlement in North America has resulted in large and rapid changes to our native biological systems and processes. These changes include: a) the loss of conservative plants, those species that co-occur (to create diversity) and are suited to long-term inhabitancy, and b) the increase of exotic species that perpetuate with catastrophic disturbance or cultural activities. As a result, landscapes in Montana are a mosaic of intact systems and fragmented lands in varying states of degradation. Plants exhibit varying degrees of tolerance to disturbance and also display varying degrees of affinity (or fidelity) to a specific habitat integrity (the state of being unimpaired habitat) (Wilhelm and Masters 1995).

For a given geography, the C-value reflects the plant species' tolerance to natural and/or human disturbance and its fidelity to a habitat, and is scaled from 0 to 10. Plants assigned a value of 0 are habitat generalists that respond positively to disturbance while plants assigned a value of 10 occur in very specialized habitats and are intolerant of disturbance. The assigned C-value is not a reflection of the plant's density, apparent dominance, or frequency within the defined geographical area (Wilhelm and Masters 1995). Collectively, C-values are incorporated into community-based site assessment methods, such as FQAI (Zomlefer et al. 2013). The FQAI method is used by government agencies and private consulting firms to: 1) identify natural areas, 2) facilitate comparisons among different sites (regardless of the habitat type), 3) conduct long-term monitoring of the quality of remnant lands, and 4) guide restoration efforts (Zomlefer et al. 2013; Wilhelm and Masters 1995).

Most commonly, government agencies and private consulting firms have used FQAI to monitor wetland conditions in compliance with Section 305(b) of the Clean Water Act. Organizations are also using FQAI and C-values in long-term ecological inventories, to develop baseline conditions, and to set habitat or vegetation targets in restoration projects. To facilitate the use of FQAI and C-value indices in Montana, it is necessary to develop C-values that reflect the species' response to environmental conditions in Montana. In 2004-2005, 2015, and 2016 the MTNHP assembled a panel of botanical and ecological experts to assign C-values to Montana's plant species. The emphasis was to rank the species found in Montana that also occur on the U.S. Army Corps of Engineers National Wetland Plant List, and to rank exotic species. This project supports the primary objective of the Clean Water Act which is to "maintain and restore the chemical, physical, and biological integrity of the Nation's waters", including wetlands

(Federal Water Pollution Control Act, Public Law 92-500). To date, approximately 1,623 plant taxa have been assigned a C-value for Montana. The *Coefficient of Conservatism Rankings for the Flora of Montana: Part I* report specifically details the process, methodology, and results used in 2004-2005 and 2015. This report, *Coefficient of Conservatism Rankings for the Flora of Montana: Part II* provides the methods used in 2016 and the results across all years.

## 2.0 METHODS

### 2.1 Expert Panel

The standard methodology for assigning C-values uses an expert panel of botanists and ecologists familiar with the flora in question (Jones 2005; Rocchio 2007; and Zomlefer et al. 2013). In 2016, the botanist of the MTNHP assembled a panel of botanical and ecological experts with field-based knowledge of Montana's flora (**Table 1**). The emphasis in 2016 was to review plants that lacked a C-value, are known or reported to occur in Montana, and are listed on the 2014 U.S. Army Corps of Engineers (COE) Regional Wetland Plant Lists for the Western Mountains, Valleys, and Coast; Arid West; and Great Plains. The process also allowed the panel to re-examine the individual species' presence in Montana and its probable origin (native or exotic in Montana).

**Table 1. Botanical and ecological experts serving on the 2016 Coefficient of Conservatism panel.**

| 2016 Panel                                     |
|--|
| Drake Barton (Botanical Consultant)            |
| Peter Lesica (Botanical Consultant and Author) |
| Tara Luna (Botanical Consultant)               |
| Scott Mincemoyer (Botanist)                    |
| Andrea Pipp (Botanist for MTNHP)               |
| Ken Scow (Botanical Consultant)                |

### 2.2 Coefficient of Conservatism Values

The list of 316 plant species to assess in 2016 reflected the COE's nomenclature and was given to each panel member to review independently. The panel met on April 13, 2016 to discuss each species collectively as a group and to work it through the *Dichotomous Key for Coefficient of Conservatism Rankings* (Zomlefer et al. 2013) (**Table 2; Figure A-1 in Appendix A**).

Additional criteria were developed and agreed upon by the 2015 and 2016 panels. These additional criteria reflect Montana's geography and helped improve consistency in assigning C-values across species and years (**Table 3**). Additional resources were used and included the knowledge of individual panel members for a particular species, published materials pertinent to vascular plants in Montana, and on-line databases [Consortium of Pacific Northwest Herbaria (University of Washington 2015), PLANTS database (USDA-NRCS 2016), and Flora of North America (Flora of North America Editorial Committee, eds. 1993+)]. The panel did not assign C-values to species that lacked sufficient information on distribution, habitat association, and/or tolerance to disturbance that is pertinent to Montana (**Table 4 in Appendix B**).

**Table 2. Summary of Coefficient of Conservatism scoring definitions used by the 2015 and 2016 Montana panels and adopted from Zomlefer et al. 2013. See Appendix A for the Dichotomous Key for Coefficient of Conservatism Rankings upon which these definitions are based.**

| NON-NATIVE MONTANA SPECIES |  |
|----------------------------|--|
| 0                          | invasive   |
| 1                          | relatively benign  |
| NATIVE MONTANA SPECIES     |  |
|                            | <b>Opportunistic, Broad Ecological Tolerance</b>   |
| 2                          | exhibits a broad range of ecological tolerance and is more or less restricted to areas of human disturbance  |
|                            | <b>Non-Opportunistic, Intermediate Ecological Tolerance</b>  |
| 3                          | exhibits an intermediate range of ecological tolerance, typifies a stable phase of a native community, and thrives and/or persists under natural or human disturbance  |
| 4                          | exhibits an intermediate range of ecological tolerance, typifies a stable phase of a native community, and persists but does not thrive with some natural or human disturbance   |
| 5                          | exhibits an intermediate range of ecological tolerance, typifies a stable phase of a native community, and persists but does not thrive with a little natural or human disturbance   |
|                            | <b>Non-Opportunistic, Narrow Ecological Tolerance</b>  |
| 6                          | exhibits a moderate fidelity to a more or less narrow range of ecological tolerance, typifies a stable or near climax community, and tolerates limited natural or human disturbance (unless surrogate for fire or other natural disturbance) |
| 7                          | exhibits a moderate fidelity to a somewhat narrow range of ecological tolerance, typifies a stable or near climax community, and does not tolerate disturbance   |
| 8                          | exhibits a moderate fidelity to a narrow range of ecological tolerance, typifies a stable or near climax community, and does not tolerate disturbance  |
| 9                          | exhibits a high fidelity to a narrow range of ecological tolerance, typifies a stable or near climax community, and does not tolerate disturbance  |
| 10                         | exhibits a very high fidelity to a very narrow range of ecological tolerance that typifies a stable or near climax community and does not tolerate disturbance   |

**Table 3. Criteria used by the 2015 and 2016 Montana panels to help assign C-values more consistently.**

| <b>Montana Criteria Used to Assign C-values</b>   |
|---|
| <ul style="list-style-type: none"> <li>Panel agreed that in Montana a species found in dry, upland habitat does not signify a “narrow range of ecological tolerance” (second (d) couplet), unless it is a very specific type of dry, upland habitat. In Montana an example of a dry, upland habitat that qualifies as a “narrow range of ecological tolerance” is a ‘sand blow-out’ whereby wind erodes areas of sandy soil creating a substrate suitable for particular species.</li> <li>Panel agreed that in Montana a species found in wetland habitat may signify a “narrow range of ecological tolerance” (second (d) couplet). Native plants that are mostly found in very wet to always wet habitats (often rated by the COE as facultative-wet (FACW) or obligate-wet (OBL)) and are not opportunistic often will signify a “narrow range of ecological tolerance”. For wetland associated species in Montana, the range of ecological tolerance becomes more narrow as the species’ requirement for being wet increases. Thus, an obligate (OBL) wetland plant often has a narrower ecological tolerance than does a facultative-wet (FACW) plant than does a facultative (FAC) plant.</li> <li>In Montana, alpine habitat could be viewed as unique or as common. Many plants require alpine and/or sub-alpine conditions, yet this general habitat type is fairly common in Montana. Panel agreed that that a species found in alpine habitat did not always signify a “narrow range of ecological tolerance” (second (d) couplet), unless it is a very specific type of habitat or ecological condition within the alpine or subalpine zones.</li> <li>Panel agreed that ‘alkaline soils’ represent a more ecologically narrow condition in Montana, and will usually classify the species into the second (d) couplet of the key.</li> <li>Panel felt the plant’s reproductive strategy does indicate something about its resilience to disturbance. A rhizomatous plant might tolerate disturbance better than a taprooted plant. An annual plant might require disturbance to maintain its population.</li> <li>Panel felt it was usefully to examine life history characteristics when deciding between close C-values. How does the plant reproduce (vegetatively, rhizomes, seeds, etc.) with a prolonged change in hydrology? How does the plant regenerate if disturbed? Is the plant also limited by pollinators or climatic conditions to reproduce?</li> <li>Panel decided that a hybrid species will not be assigned a C-value at this time. Lots of plants hybridize, but the characteristics of a hybrid are often not captured in herbarium specimens and botanical keys. Therefore, the response to disturbance or requirement for habitat is often not known. Most people lack the observational skill-set to recognize hybrids. Exceptions to this criterion were made for particular hybrids.</li> <li>Panel usually did not assign a C-value to a plant that has 1-3 collections in Montana. Plants with few collections often have insufficient information to determine how the species responds to disturbance and/or what it requires for habitat.</li> <li>Panel usually did not assign a C-value to a species represented only from very old collections. Plants collected from a long, long time ago may no longer be present and aren’t observed enough to really know how the species tolerates disturbance and/or what it requires for habitat.</li> </ul> |

## 3.0 SUMMARY

In 2016, 316 plant taxa (species, varieties, subspecies, or hybrids) that occur on the National Wetland Plants Lists and are known, reported, or previously documented in literature to occur in Montana were evaluated. Of the 316 plants: a) a C-value was assigned to 211 plants accurately documented to occur in Montana, b) 49 plants could not be assigned a C-value because of too few Montana collections and/or lacked information regarding their habitat and/or response to disturbance, c) 10 plants are hybrids or have taxonomic problems and were not assigned a C-value, d) 13 plants are reported to occur in Montana, but verified specimens have not been found

and the plant cannot be assigned a C-value, and e) 33 plants were not assigned a C-value after documented research indicated they are not present (at this time) in Montana.

The 2016 panel also reviewed the origin of the 316 plant taxa in Montana. Discussions within the panel, a review of literature and on-line databases, and an examination of herbaria specimens resulted in a determination of (Montana) origin for 19 species. The previously ‘unknown/undetermined’ origin changed to native or likely native for 17 species and to likely exotic for 2 species. The origin of a species in Montana represents MTNHP’s best guess, which is based on literature, herbarium records, and expert opinions; for some taxa experts will have opposing opinions.

In 2005 and 2015, the MTNHP assigned C-values for 1,412 species or varieties. With the 2016 assignments, 1,623 Montana plant taxa have an assigned C-value (**Appendix B**). Another 72 plant taxa were evaluated but either more information on the plant’s habitat and response to disturbance is needed, its taxonomy needs to be understood, or its presence in Montana needs to be confirmed before a C-value can be assigned. For the majority of plant taxa, and for reasons not given in this publication, the Montana Natural Heritage Botany Program believes it is more realistic and reasonable to assign a C-value at the species level (as opposed to hybrids, varieties, and subspecies). For vascular plants in Montana, approximately 1,208 unique taxa or approximately 948 species still lack a C-value.

The Montana Natural Heritage Botany Program has and will continue to house and maintain the C-value dataset (processes, database, and documentation). The methods and assigned C-values are available on the MTNHP website (<http://mtnhp.org/>). Future funding opportunities will continue to be explored in order to complete the assignment of C-values for the remaining approximate 948 plant species (**Appendix B**).

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## **Appendix A**

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*Dichotomous Key for Coefficient of Conservatism Rankings*

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**Figure A-1. The Dichotomous Key for Coefficient of Conservatism Rankings, taken from Zomlefer, W., L. Chafin, J. Carter, and D. Giannasi. 2013. Coefficient of Conservatism Rankings for the Flora of Georgia: Wetland Indicator Species. *Southeastern Naturalist*, 12(4): 790-808. Eagle Hill Institute.**

| <b>Dichotomous Key for Coefficient of Conservatism Rankings</b>   |             |
|---|-------------|
| (a) Non-native species.....   | (b).....(b) |
| (b) invasive .....  | rank 0      |
| (b) relatively benign .....   | rank 1      |
| (a) Native species.....   | (c).....(c) |
| (c) opportunistic, broad range of ecological tolerance, more or less restricted to areas subject to human disturbance.....  | rank 2      |
| (c) non-opportunistic, intermediate to narrow range of ecological tolerance.....  | (d)         |
| (d) intermediate range of ecological tolerance, typifies a stable phase of some native community, thrives and/or persists under natural or human disturbance.....   | (e)         |
| (e) persists and/or thrives under natural or human disturbance.....   | rank 3      |
| (e) persists but does not thrive under limited natural or human disturbance.....  | (f)         |
| (f) persists with some disturbance.....   | rank 4      |
| (f) persists with a little disturbance.....   | rank 5      |
| (d) narrow range of ecological tolerance, typifies a stable or near climax community (including fire-dependent disclimax communities), tolerates little to no disturbance (unless surrogate for fire or other natural disturbance)..... | (g)         |
| (g) moderate fidelity to a narrow habitat requirement, may or may not tolerate limited disturbance.....   | (h)         |
| (h) more or less narrow range of ecological tolerance, tolerates limited disturbance.....   | rank 6      |
| (h) narrower range of ecological tolerance, does not tolerate disturbance.....  | (i)         |
| (i) somewhat narrow range of ecological tolerance.....  | rank 7      |
| (i) narrow range of ecological tolerance.....   | rank 8      |
| (g) high fidelity to a narrow range of habitat requirement, does not tolerate disturbance.....  | (j)         |
| (j) narrow range of ecological tolerance, relatively high fidelity to a narrow range of habitat requirement.....  | rank 9      |
| (j) very narrow range of ecological tolerance, very high fidelity to a very narrow range habitat requirement.....   | rank 10     |

## **Appendix B**

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*2013 Montana Vascular Plant Checklist with C-values and Origins*

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**Table 4. The 2013 checklist of Montana vascular plants with selected synonyms and 2015/2016 revised origins and C-values.**

| FAMILY NAME       | SCIENTIFIC NAME <sup>1</sup>                         | ORIGIN        | 2015/2016<br>C-VALUE <sup>3</sup> |
|-------------------|--|---------------|-----------------------------------|
| Pinaceae          | <b>Abies grandis</b>                                 | Native        | <b>6</b>                          |
| Pinaceae          | <b>Abies lasiocarpa</b>                              | Native        | <b>4</b>                          |
| Nyctaginaceae     | Abronia fragrans                                     | Native        | -                                 |
| Malvaceae         | Abutilon theophrasti                                 | Exotic        | 1                                 |
| Aceraceae         | Acer glabrum   | Native        | 4                                 |
| Aceraceae         | Acer negundo   | Native        | 2                                 |
| Aceraceae         | Acer platanoides                                     | Exotic        | 1                                 |
| <b>Asteraceae</b> | <b>Achillea millefolium</b>                          | <b>Native</b> | <b>3</b>                          |
| Asteraceae        | Achillea nobilis                                     | Exotic        | 1                                 |
| Asteraceae        | Achillea ptarmica                                    | Exotic        | 1                                 |
| Ranunculaceae     | Aconitum columbianum                                 | Native        | 5                                 |
| Acoraceae         | Acorus americanus                                    | Native        | 9                                 |
| <b>Acoraceae</b>  | <b>Acorus calamus</b> <sup>2</sup>                   |               | <b>absent</b>                     |
| Asteraceae        | Acroptilon repens                                    | Exotic        | 0                                 |
| Ranunculaceae     | Actaea rubra   | Native        | 7                                 |
| Asteraceae        | Adenocaulon bicolor                                  | Native        | -                                 |
| Pteridaceae       | Adiantum aleuticum                                   | Native        | 7                                 |
| Ranunculaceae     | Adonis aestivalis                                    | Exotic        | 1                                 |
| Adoxaceae         | Adoxa moschatellina                                  | Native        | 9                                 |
| Poaceae           | Aegilops cylindrica                                  | Exotic        | 1                                 |
| Lamiaceae         | Agastache cusickii                                   | Native        | -                                 |
| Lamiaceae         | Agastache foeniculum                                 | Native        | -                                 |
| <b>Lamiaceae</b>  | <b>Agastache urticifolia</b>                         | <b>Native</b> | <b>4</b>                          |
| Asteraceae        | Ageratina occidentalis                               | Native        | -                                 |
| Asteraceae        | Agoseris aurantiaca                                  | Native        | 5                                 |
| Asteraceae        | Agoseris glauca                                      | Native        | 4                                 |
| Asteraceae        | Agoseris glauca var. dasycephala                     | Native        | -                                 |
| Asteraceae        | Agoseris glauca var. glauca                          | Native        | -                                 |
| Asteraceae        | Agoseris grandiflora                                 | Native        | -                                 |
| Asteraceae        | Agoseris heterophylla                                | Native        | -                                 |
| Asteraceae        | Agoseris lackschewitzii                              | Native        | 6                                 |
| <b>Asteraceae</b> | <b>Agoseris parviflora</b>                           | <b>Native</b> | <b>4</b>                          |
| Rosaceae          | <b>Agrimonia gryposepala</b>                         | <b>Native</b> | <b>6</b>                          |
| Rosaceae          | <b>Agrimonia striata</b>                             | <b>Native</b> | <b>4</b>                          |
| Poaceae           | Agropyron cristatum                                  | Exotic        | 0                                 |
| Caryophyllaceae   | Agrostemma githago                                   | Exotic        | 1                                 |
| Poaceae           | Agrostis capillaris                                  | Exotic        | 1                                 |
| Poaceae           | Agrostis exarata                                     | Native        | 3                                 |
| Poaceae           | Agrostis gigantea                                    | Exotic        | 0                                 |
| Poaceae           | Agrostis humilis<br>Podagrostis humilis <sup>2</sup> | Native        | 8                                 |
| Poaceae           | Agrostis idahoensis                                  | Native        | 4                                 |
| <b>Poaceae</b>    | <b>Agrostis mertensii</b>                            | <b>Native</b> | <b>6</b>                          |
| Poaceae           | Agrostis oregonensis                                 | Native        | 6                                 |
| <b>Poaceae</b>    | <b>Agrostis pallens</b>                              | <b>Native</b> | <b>6</b>                          |
| Poaceae           | Agrostis scabra                                      | Native        | 2                                 |
| Poaceae           | Agrostis stolonifera                                 | Exotic        | 0                                 |
| Poaceae           | Agrostis thurberiana                                 | Native        | 4                                 |
| Poaceae           | Agrostis variabilis                                  | Native        | 4                                 |
| Lamiaceae         | Ajuga reptans  | Exotic        | 1                                 |

| FAMILY NAME          | SCIENTIFIC NAME <sup>1</sup>             | ORIGIN                 | 2015/2016 C-VALUE <sup>3</sup> |
|----------------------|--|------------------------|--------------------------------|
| Rosaceae             | <i>Alchemilla xanthochlora</i>           | Exotic                 | 1                              |
| Alismataceae         | <i>Alisma gramineum</i>                  | Native                 | 6                              |
| Alismataceae         | <i>Alisma triviale</i>                   | Native                 | 6                              |
| Liliaceae            | <i>Allium acuminatum</i>                 | Native                 | -                              |
| Liliaceae            | <i>Allium brandegeei</i>                 | Unknown / Undetermined | -                              |
| Liliaceae            | <i>Allium brevistylum</i>                | Native                 | 6                              |
| <b>Liliaceae</b>     | <b>Allium canadense<sup>2</sup></b>      |                        | <b>absent</b>                  |
| <b>Liliaceae</b>     | <b>Allium cernuum</b>                    | <b>Native</b>          | <b>4</b>                       |
| Liliaceae            | <i>Allium columbianum</i>                | Native                 | -                              |
| Liliaceae            | <i>Allium fibrillum</i>                  | Native                 | -                              |
| <b>Liliaceae</b>     | <b>Allium geyeri</b>                     | <b>Native</b>          | <b>4</b>                       |
| Liliaceae            | <i>Allium geyeri</i> var. <i>geyeri</i>  | Native                 | -                              |
| Liliaceae            | <i>Allium geyeri</i> var. <i>tenerum</i> | Native                 | -                              |
| Liliaceae            | <i>Allium parvum</i>                     | Native                 | -                              |
| Liliaceae            | <i>Allium schoenoprasum</i>              | Native                 | 6                              |
| Liliaceae            | <i>Allium simillimum</i>                 | Native                 | -                              |
| Liliaceae            | <i>Allium textile</i>                    | Native                 | -                              |
| Ericaceae            | <i>Allotropa virgata</i>                 | Native                 | -                              |
| Asteraceae           | <i>Almutaster pauciflorus</i>            | Native                 | 7                              |
| Betulaceae           | <i>Alnus incana</i>                      | Native                 | 6                              |
| Betulaceae           | <i>Alnus rubra</i>                       | Native                 | -                              |
| Betulaceae           | <i>Alnus viridis</i>                     | Native                 | 6                              |
| Poaceae              | <i>Alopecurus aequalis</i>               | Native                 | 4                              |
| Poaceae              | <i>Alopecurus arundinaceus</i>           | Exotic                 | 0                              |
| Poaceae              | <i>Alopecurus carolinianus</i>           | Native                 | 4                              |
| Poaceae              | <i>Alopecurus geniculatus</i>            | Exotic                 | 1                              |
| Poaceae              | <i>Alopecurus magellanicus</i>           | Native                 | 6                              |
| Poaceae              | <i>Alopecurus pratensis</i>              | Exotic                 | 0                              |
| Brassicaceae         | <i>Alyssum alyssoides</i>                | Exotic                 | 0                              |
| Brassicaceae         | <i>Alyssum desertorum</i>                | Exotic                 | 0                              |
| Brassicaceae         | <i>Alyssum simplex</i>                   | Exotic                 | 0                              |
| <b>Amaranthaceae</b> | <b>Amaranthus albus</b>                  | <b>Likely Exotic</b>   | <b>1</b>                       |
| <b>Amaranthaceae</b> | <b>Amaranthus arenicola</b>              | <b>Likely Exotic</b>   | <b>1</b>                       |
| Amaranthaceae        | <i>Amaranthus blitoides</i>              | Native                 | 2                              |
| Amaranthaceae        | <i>Amaranthus californicus</i>           | Unknown / Undetermined | 7                              |
| Amaranthaceae        | <i>Amaranthus hybridus</i>               | Exotic                 | 1                              |
| Amaranthaceae        | <i>Amaranthus powellii</i>               | Unknown / Undetermined | -                              |
| Amaranthaceae        | <i>Amaranthus retroflexus</i>            | Native                 | 2                              |
| Amaranthaceae        | <i>Amaranthus tuberculatus</i>           | Exotic                 | 1                              |
| Asteraceae           | <i>Ambrosia acanthicarpa</i>             | Native                 | -                              |
| Asteraceae           | <i>Ambrosia artemisiifolia</i>           | Native                 | -                              |
| Asteraceae           | <i>Ambrosia psilostachya</i>             | Native                 | 3                              |
| Asteraceae           | <i>Ambrosia tomentosa</i>                | Native                 | -                              |
| Asteraceae           | <i>Ambrosia trifida</i>                  | Native                 | 2                              |
| <b>Rosaceae</b>      | <b>Amelanchier alnifolia</b>             | <b>Native</b>          | <b>4</b>                       |
| Malvaceae            | <i>Alcea rosea</i>                       | Exotic                 | 1                              |

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|----------------------|---|---------------|--------------------------------|
| <b>Rosaceae</b>      | <b><i>Amelanchier utahensis</i></b>                           | <b>Native</b> | <b>4</b>                       |
| Orchidaceae          | <i>Amerorchis rotundifolia</i>                                | Native        | 10                             |
| Lythraceae           | <i>Ammannia robusta</i>                                       | Native        | 6                              |
| Fabaceae             | <i>Amorpha canescens</i>                                      | Native        | -                              |
| Cyperaceae           | <i>Amphiscirpus nevadensis</i>                                | Native        | 9                              |
| Boraginaceae         | <i>Amsinckia lycopooides</i>                                  | Native        | -                              |
| Boraginaceae         | <i>Amsinckia menziesii</i>                                    | Exotic        | -                              |
| Myrsinaceae          | <i>Anagallis arvensis</i>                                     | Exotic        | 1                              |
| <b>Asteraceae</b>    | <b><i>Anaphalis margaritacea</i></b>                          | <b>Native</b> | <b>3</b>                       |
| Boraginaceae         | <i>Anchusa arvensis</i>                                       | Exotic        | 1                              |
| Boraginaceae         | <i>Anchusa azurea</i>   | Exotic        | 1                              |
| Boraginaceae         | <i>Anchusa officinalis</i>                                    | Exotic        | 1                              |
| <b>Poaceae</b>       | <b><i>Andropogon gerardii</i></b>                             | <b>Native</b> | <b>4</b>                       |
| Poaceae              | <i>Andropogon hallii</i>                                      | Native        | -                              |
| <b>Primulaceae</b>   | <b><i>Androsace chamaejasme</i></b>                           | <b>Native</b> | <b>7</b>                       |
| Primulaceae          | <i>Androsace filiformis</i>                                   | Native        | 2                              |
| <b>Primulaceae</b>   | <b><i>Androsace occidentalis</i></b>                          | <b>Native</b> | <b>3</b>                       |
| <b>Primulaceae</b>   | <b><i>Androsace septentrionalis</i></b>                       | <b>Native</b> | <b>3</b>                       |
| Ranunculaceae        | <i>Anemone canadensis</i>                                     | Native        | 4                              |
| Ranunculaceae        | <i>Anemone cylindrica</i>                                     | Native        | -                              |
| Ranunculaceae        | <i>Anemone drummondii</i> var. <i>lithophila</i>              | Native        | -                              |
| Ranunculaceae        | <i>Anemone multifida</i>                                      | Native        | -                              |
| Ranunculaceae        | <i>Anemone multifida</i> var. <i>multifida</i>                | Native        | -                              |
| Ranunculaceae        | <i>Anemone multifida</i> var. <i>tonensis</i>                 | Native        | -                              |
| Ranunculaceae        | <i>Anemone occidentalis</i>                                   | Native        | -                              |
| Ranunculaceae        | <i>Anemone parviflora</i>                                     | Native        | 6                              |
| Ranunculaceae        | <i>Anemone patens</i>   | Native        | -                              |
| <b>Ranunculaceae</b> | <b><i>Anemone piperi</i></b>                                  | <b>Native</b> | <b>5</b>                       |
| Apiaceae             | <i>Angelica arguta</i>  | Native        | 5                              |
| Apiaceae             | <i>Angelica dawsonii</i>                                      | Native        | 7                              |
| Apiaceae             | <i>Angelica pinnata</i>                                       | Native        | 4                              |
| Apiaceae             | <i>Angelica roseana</i>                                       | Native        | -                              |
| Asteraceae           | <i>Antennaria alpina</i>                                      | Native        | 9                              |
| Asteraceae           | <i>Antennaria anaphalooides</i>                               | Native        | 4                              |
| Asteraceae           | <i>Antennaria aromatica</i>                                   | Native        | 7                              |
| Asteraceae           | <i>Antennaria corymbosa</i>                                   | Native        | 6                              |
| Asteraceae           | <i>Antennaria densifolia</i>                                  | Native        | 9                              |
| Asteraceae           | <i>Antennaria dimorpha</i>                                    | Native        | 4                              |
| Asteraceae           | <i>Antennaria howellii</i>                                    | Native        | 4                              |
| Asteraceae           | <i>Antennaria lanata</i>                                      | Native        | 7                              |
| Asteraceae           | <i>Antennaria luzuloides</i>                                  | Native        | 4                              |
| Asteraceae           | <i>Antennaria media</i>                                       | Native        | 5                              |
| Asteraceae           | <i>Antennaria microphylla</i>                                 | Native        | 4                              |
| Asteraceae           | <i>Antennaria monocephala</i>                                 | Native        | 8                              |
| <b>Asteraceae</b>    | <b><i>Antennaria neglecta</i><br/>syn. <i>A. howellii</i></b> | <b>Native</b> | <b>4</b>                       |
| Asteraceae           | <i>Antennaria parvifolia</i>                                  | Native        | 4                              |
| Asteraceae           | <i>Antennaria pulcherrima</i>                                 | Native        | 7                              |
| Asteraceae           | <i>Antennaria racemosa</i>                                    | Native        | 4                              |
| Asteraceae           | <i>Antennaria rosea</i>                                       | Native        | 4                              |

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|---------------------|---|------------------------|--------------------------------|
| Asteraceae          | <i>Antennaria umbrinella</i>  | Native                 | 4                              |
| Asteraceae          | <i>Anthemis arvensis</i>  | Exotic                 | 1                              |
| Asteraceae          | <i>Anthemis cotula</i>  | Exotic                 | 1                              |
| Asteraceae          | <i>Anthemis tinctoria</i>   | Exotic                 | 1                              |
| Poaceae             | <i>Anthoxanthum hirtum</i>  | Native                 | 8                              |
| Poaceae             | <i>Anthoxanthum odoratum</i>  | Exotic                 | 1                              |
| Apiaceae            | <i>Anthriscus cerefolium</i>  | Exotic                 | 1                              |
| Poaceae             | <i>Apera interrupta</i>   | Exotic                 | 1                              |
| <b>Apocynaceae</b>  | <b><i>Apocynum androsaemifolium</i></b>                                   | <b>Native</b>          | <b>3</b>                       |
| Apocynaceae         | <i>Apocynum cannabinum</i>  | Native                 | 4                              |
| Ranunculaceae       | <i>Aquilegia brevistyla</i>   | Native                 | -                              |
| Ranunculaceae       | <i>Aquilegia coerulea</i>   | Native                 | 6                              |
| Ranunculaceae       | <i>Aquilegia flavescens</i>   | Native                 | -                              |
| Ranunculaceae       | <i>Aquilegia formosa</i>  | Native                 | 6                              |
| Ranunculaceae       | <i>Aquilegia jonesii</i>  | Native                 | -                              |
| <b>Brassicaceae</b> | <b><i>Arabidopsis lyrata</i></b>  | <b>Native</b>          | <b>Insuff. Info.</b>           |
| Brassicaceae        | <i>Arabidopsis thaliana</i>   | Exotic                 | 1                              |
| Brassicaceae        | <i>Arabis hirsuta</i>   | Native                 | -                              |
| Brassicaceae        | <i>Arabis nuttallii</i>   | Native                 | -                              |
| <b>Araliaceae</b>   | <b><i>Aralia nudicaulis</i></b>   | <b>Native</b>          | <b>5</b>                       |
| Viscaceae           | <i>Arceuthobium americanum</i>  | Native                 | -                              |
| Viscaceae           | <i>Arceuthobium campylopodium</i>   | Native                 | -                              |
| Viscaceae           | <i>Arceuthobium cyanocarpum</i>   | Native                 | -                              |
| Viscaceae           | <i>Arceuthobium douglasii</i>   | Native                 | -                              |
| Viscaceae           | <i>Arceuthobium laricis</i>   | Native                 | -                              |
| Asteraceae          | <i>Arctium lappa</i>  | Exotic                 | 0                              |
| Asteraceae          | <i>Arctium minus</i>  | Exotic                 | 0                              |
| Ericaceae           | <i>Arctostaphylos patula</i>  | Native                 | -                              |
| <b>Ericaceae</b>    | <b><i>Arctostaphylos uva-ursi</i></b>                                     | <b>Native</b>          | <b>4</b>                       |
| Caryophyllaceae     | <i>Arenaria aculeata</i>  | Native                 | -                              |
| Caryophyllaceae     | <i>Arenaria capillaris</i>  | Native                 | -                              |
| Caryophyllaceae     | <i>Arenaria congesta</i>  | Native                 | -                              |
| Caryophyllaceae     | <i>Arenaria congesta</i> var. <i>cephaloidea</i>                          | Native                 | -                              |
| Caryophyllaceae     | <i>Arenaria congesta</i> var. <i>congesta</i>                             | Native                 | -                              |
| Caryophyllaceae     | <i>Arenaria congesta</i> var. <i>lithophila</i>                           | Native                 | -                              |
| Caryophyllaceae     | <i>Arenaria hookeri</i>   | Native                 | -                              |
| Caryophyllaceae     | <i>Arenaria kingii</i>  | Native                 | -                              |
| Caryophyllaceae     | <i>Arenaria serpyllifolia</i>   | Exotic                 | 0                              |
| Papaveraceae        | <i>Argemone polyanthemos</i>  | Unknown / Undetermined | -                              |
| Rosaceae            | <i>Argentina anserina</i><br>syn. <i>Potentilla anserina</i> <sup>2</sup> | Native                 | 3                              |
| Poaceae             | <i>Aristida purpurea</i>  | Native                 | -                              |
| Asteraceae          | <i>Arnica amplexicaulis</i>   | Native                 | 5                              |
| Asteraceae          | <i>Arnica angustifolia</i>  | Native                 | -                              |
| Asteraceae          | <i>Arnica chamissonis</i>   | Native                 | 5                              |
| Asteraceae          | <i>Arnica cordifolia</i>  | Native                 | -                              |
| <b>Asteraceae</b>   | <b><i>Arnica fulgens</i></b>  | <b>Native</b>          | <b>4</b>                       |
| Asteraceae          | <i>Arnica latifolia</i>   | Native                 | 4                              |
| Asteraceae          | <i>Arnica latifolia</i> var. <i>gracilis</i>                              | Native                 | -                              |
| Asteraceae          | <i>Arnica latifolia</i> var. <i>latifolia</i>                             | Native                 | -                              |

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|-----------------------|--|---------------------------|--------------------------------|
| Asteraceae            | <i>Arnica longifolia</i>                             | Native                    | 7                              |
| Asteraceae            | <i>Arnica mollis</i>                                 | Native                    | 6                              |
| Asteraceae            | <i>Arnica parryi</i>                                 | Native                    | -                              |
| Asteraceae            | <i>Arnica rydbergii</i>                              | Native                    | -                              |
| Asteraceae            | <i>Arnica sororia</i>                                | Native                    | -                              |
| Asteraceae            | <i>Arnica x diversifolia</i>                         | Native                    | 5                              |
| Poaceae               | <i>Arrhenatherum elatius</i>                         | Exotic                    | 0                              |
| Asteraceae            | <i>Artemisia absinthium</i>                          | Exotic                    | 0                              |
| Asteraceae            | <i>Artemisia annua</i>                               | Exotic                    | 1                              |
| Asteraceae            | <i>Artemisia arbuscula</i>                           | Native                    | -                              |
| Asteraceae            | <i>Artemisia arbuscula</i> ssp. <i>arbuscula</i>     | Native                    | -                              |
| Asteraceae            | <i>Artemisia arbuscula</i> ssp. <i>longiloba</i>     | Native                    | -                              |
| Asteraceae            | <i>Artemisia biennis</i>                             | Native                    | 2                              |
| <b>Asteraceae</b>     | <b><i>Artemisia campestris</i></b>                   | <b>Native</b>             | <b>4</b>                       |
| Asteraceae            | <i>Artemisia campestris</i> ssp. <i>borealis</i>     | Native                    | -                              |
| Asteraceae            | <i>Artemisia campestris</i> ssp. <i>caudata</i>      | Native                    | -                              |
| Asteraceae            | <i>Artemisia campestris</i> ssp. <i>pacifica</i>     | Native                    | -                              |
| Asteraceae            | <i>Artemisia cana</i>                                | Native                    | 4                              |
| Asteraceae            | <i>Artemisia cana</i> ssp. <i>cana</i>               | Native                    | -                              |
| Asteraceae            | <i>Artemisia cana</i> ssp. <i>viscidula</i>          | Native                    | -                              |
| Asteraceae            | <i>Artemisia dracunculus</i>                         | Native                    | -                              |
| Asteraceae            | <i>Artemisia frigida</i>                             | Native                    | -                              |
| Asteraceae            | <i>Artemisia lindleyana</i>                          | Native                    | 7                              |
| Asteraceae            | <i>Artemisia longifolia</i>                          | Native                    | -                              |
| Asteraceae            | <i>Artemisia ludoviciana</i>                         | Native                    | 3                              |
| Asteraceae            | <i>Artemisia ludoviciana</i> ssp. <i>candicans</i>   | Native                    | -                              |
| Asteraceae            | <i>Artemisia ludoviciana</i> ssp. <i>incompta</i>    | Native                    | -                              |
| Asteraceae            | <i>Artemisia ludoviciana</i> ssp. <i>ludoviciana</i> | Native                    | -                              |
| Asteraceae            | <i>Artemisia michauxiana</i>                         | Native                    | -                              |
| <b>Asteraceae</b>     | <b><i>Artemisia norvegica</i><sup>2</sup></b>        | <b>absent</b>             |                                |
| Asteraceae            | <i>Artemisia nova</i>                                | Native                    | -                              |
| Asteraceae            | <i>Artemisia pedatifida</i>                          | Native                    | -                              |
| Asteraceae            | <i>Artemisia porteri</i>                             | Unknown /<br>Undetermined | -                              |
| Asteraceae            | <i>Artemisia rigida</i>                              | Unknown /<br>Undetermined | -                              |
| Asteraceae            | <i>Artemisia scopulorum</i>                          | Native                    | -                              |
| Asteraceae            | <i>Artemisia spinescens</i>                          | Native                    | -                              |
| <b>Asteraceae</b>     | <b><i>Artemisia tilesii</i></b>                      | <b>Native</b>             | <b>4</b>                       |
| Asteraceae            | <i>Artemisia tridentata</i>                          | Native                    | -                              |
| Asteraceae            | <i>Artemisia tridentata</i> ssp. <i>tridentata</i>   | Native                    | 5                              |
| Asteraceae            | <i>Artemisia tridentata</i> ssp. <i>vaseyana</i>     | Native                    | 3                              |
| Asteraceae            | <i>Artemisia tridentata</i> ssp. <i>wyomingensis</i> | Native                    | 4                              |
| Asteraceae            | <i>Artemisia tripartita</i>                          | Native                    | -                              |
| Asteraceae            | <i>Artemisia tripartita</i> ssp. <i>rupicola</i>     | Native                    | -                              |
| Asteraceae            | <i>Artemisia tripartita</i> ssp. <i>tripartita</i>   | Native                    | -                              |
| Aristolochiaceae      | <i>Asarum caudatum</i>                               | Native                    | 8                              |
| Asclepiadaceae        | <i>Asclepias incarnata</i>                           | Native                    | 6                              |
| Asclepiadaceae        | <i>Asclepias ovalifolia</i>                          | Native                    | -                              |
| <b>Asclepiadaceae</b> | <b><i>Asclepias pumila</i></b>                       | <b>Native</b>             | <b>5</b>                       |

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|-----------------------|---|---------------|-----------------------------------|
| Asclepiadaceae        | Asclepias speciosa                        | Native        | -                                 |
| Asclepiadaceae        | Asclepias stenophylla                     | Native        | -                                 |
| <b>Asclepiadaceae</b> | <b>Asclepias syriaca<sup>2</sup></b>      |               | <b>absent</b>                     |
| <b>Asclepiadaceae</b> | <b>Asclepias verticillata</b>             | <b>Native</b> | <b>5</b>                          |
| Asclepiadaceae        | Asclepias viridiflora                     | Native        | -                                 |
| Liliaceae             | Asparagus officinalis                     | Exotic        | 1                                 |
| Boraginaceae          | Asperugo procumbens                       | Exotic        | 0                                 |
| Pteridaceae           | Aspidotis densa                           | Native        | -                                 |
| <b>Aspleniaceae</b>   | <b>Asplenium trichomanes</b>              | <b>Native</b> | <b>insuff. info.</b>              |
| Aspleniaceae          | Asplenium trichomanes-ramosum             | Native        | -                                 |
| Fabaceae              | Astragalus adsurgens                      | Native        | -                                 |
| Fabaceae              | Astragalus agrestis                       | Native        | 3                                 |
| Fabaceae              | Astragalus alpinus                        | Native        | 4                                 |
| Fabaceae              | Astragalus americanus                     | Native        | 6                                 |
| Fabaceae              | Astragalus aretioides                     | Native        | -                                 |
| Fabaceae              | Astragalus argophyllus                    | Native        | 6                                 |
| Fabaceae              | Astragalus atropubescens                  | Native        | -                                 |
| Fabaceae              | Astragalus australis                      | Native        | -                                 |
| Fabaceae              | Astragalus barrii                         | Native        | -                                 |
| Fabaceae              | Astragalus bisulcatus                     | Native        | -                                 |
| Fabaceae              | Astragalus bourgovii                      | Native        | -                                 |
| Fabaceae              | Astragalus canadensis                     | Native        | 3                                 |
| Fabaceae              | Astragalus canadensis var. brevidens      | Native        | -                                 |
| Fabaceae              | Astragalus canadensis var. canadensis     | Native        | -                                 |
| Fabaceae              | Astragalus canadensis var. mortonii       | Native        | -                                 |
| Fabaceae              | Astragalus ceramicus                      | Native        | -                                 |
| Fabaceae              | Astragalus ceramicus var. apus            | Native        | -                                 |
| Fabaceae              | Astragalus ceramicus var. filifolius      | Native        | -                                 |
| Fabaceae              | Astragalus chamaeleuce                    | Native        | -                                 |
| Fabaceae              | Astragalus cibarius                       | Native        | -                                 |
| Fabaceae              | Astragalus cicer                          | Exotic        | 1                                 |
| Fabaceae              | Astragalus convallarius                   | Native        | -                                 |
| Fabaceae              | Astragalus crassicarpus                   | Native        | -                                 |
| Fabaceae              | Astragalus crassicarpus var. crassicarpus | Native        | -                                 |
| Fabaceae              | Astragalus crassicarpus var. paysonii     | Native        | -                                 |
| Fabaceae              | Astragalus drummondii                     | Native        | -                                 |
| <b>Fabaceae</b>       | <b>Astragalus eucosmus</b>                | <b>Native</b> | <b>6</b>                          |
| Fabaceae              | Astragalus falcatus                       | Exotic        | 1                                 |
| Fabaceae              | Astragalus flexuosus                      | Native        | -                                 |
| Fabaceae              | Astragalus geyeri                         | Native        | -                                 |
| Fabaceae              | Astragalus gilviflorus                    | Native        | -                                 |
| Fabaceae              | Astragalus gracilis                       | Native        | -                                 |
| Fabaceae              | Astragalus grayi                          | Native        | -                                 |
| Fabaceae              | Astragalus hyalinus                       | Native        | -                                 |
| Fabaceae              | Astragalus inflexus                       | Native        | -                                 |
| Fabaceae              | Astragalus kentrophyta                    | Native        | -                                 |
| Fabaceae              | Astragalus kentrophyta var. kentrophyta   | Native        | -                                 |
| Fabaceae              | Astragalus kentrophyta var. tegetarius    | Native        | -                                 |
| Fabaceae              | Astragalus lackschewitzii                 | Native        | -                                 |
| <b>Fabaceae</b>       | <b>Astragalus lentiginosus</b>            | <b>Native</b> | <b>4</b>                          |
| Fabaceae              | Astragalus lentiginosus var. salinus      | Native        | -                                 |

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|-----------------|---|------------------------|--------------------------------|
| Fabaceae        | <i>Astragalus leptaleus</i>                     | Native                 | 6                              |
| Fabaceae        | <i>Astragalus lotiflorus</i>                    | Native                 | -                              |
| Fabaceae        | <i>Astragalus microcystis</i>                   | Native                 | -                              |
| Fabaceae        | <i>Astragalus miser</i>                         | Native                 | -                              |
| Fabaceae        | <i>Astragalus miser</i> var. <i>crispatus</i>   | Native                 | -                              |
| Fabaceae        | <i>Astragalus miser</i> var. <i>decumbens</i>   | Native                 | -                              |
| Fabaceae        | <i>Astragalus miser</i> var. <i>hylophilus</i>  | Native                 | -                              |
| Fabaceae        | <i>Astragalus miser</i> var. <i>miser</i>       | Native                 | -                              |
| Fabaceae        | <i>Astragalus miser</i> var. <i>praeteritus</i> | Native                 | -                              |
| Fabaceae        | <i>Astragalus miser</i> var. <i>serotinus</i>   | Native                 | -                              |
| Fabaceae        | <i>Astragalus missouriensis</i>                 | Native                 | -                              |
| Fabaceae        | <i>Astragalus oreganus</i>                      | Native                 | -                              |
| Fabaceae        | <i>Astragalus pectinatus</i>                    | Native                 | -                              |
| Fabaceae        | <i>Astragalus plattensis</i>                    | Native                 | -                              |
| Fabaceae        | <i>Astragalus platytropis</i>                   | Native                 | -                              |
| Fabaceae        | <i>Astragalus purshii</i>                       | Native                 | -                              |
| Fabaceae        | <i>Astragalus purshii</i> var. <i>concinnus</i> | Native                 | -                              |
| Fabaceae        | <i>Astragalus purshii</i> var. <i>purshii</i>   | Native                 | -                              |
| Fabaceae        | <i>Astragalus racemosus</i>                     | Native                 | -                              |
| Fabaceae        | <i>Astragalus robbinsii</i>                     | Native                 | 5                              |
| Fabaceae        | <i>Astragalus scaphoides</i>                    | Native                 | -                              |
| Fabaceae        | <i>Astragalus shortianus</i>                    | Native                 | -                              |
| Fabaceae        | <i>Astragalus spatulatus</i>                    | Native                 | -                              |
| Fabaceae        | <i>Astragalus tenellus</i>                      | Native                 | -                              |
| Fabaceae        | <i>Astragalus terminalis</i>                    | Native                 | -                              |
| Fabaceae        | <i>Astragalus vexilliflexus</i>                 | Native                 | -                              |
| Dryopteridaceae | <i>Athyrium alpestre</i>                        | Native                 | 7                              |
| Dryopteridaceae | <i>Athyrium filix-femina</i>                    | Native                 | 5                              |
| Brassicaceae    | <i>Athysanus pusillus</i>                       | Native                 | -                              |
| Amaranthaceae   | <i>Atriplex argentea</i>                        | Native                 | 3                              |
| Amaranthaceae   | <i>Atriplex canescens</i>                       | Native                 | -                              |
| Amaranthaceae   | <i>Atriplex confertifolia</i>                   | Native                 | -                              |
| Amaranthaceae   | <i>Atriplex dioica</i>                          | Native                 | 3                              |
| Amaranthaceae   | <i>Atriplex gardneri</i>                        | Native                 | -                              |
| Amaranthaceae   | <i>Atriplex heterosperma</i>                    | Exotic                 | 0                              |
| Amaranthaceae   | <i>Atriplex hortensis</i>                       | Exotic                 | 1                              |
| Amaranthaceae   | <i>Atriplex patula</i>                          | Unknown / Undetermined | 0                              |
| Amaranthaceae   | <i>Atriplex powellii</i>                        | Native                 | -                              |
| Amaranthaceae   | <i>Atriplex prostrata</i>                       | Unknown / Undetermined | -                              |
| Amaranthaceae   | <i>Atriplex rosea</i>                           | Exotic                 | 1                              |
| Amaranthaceae   | <i>Atriplex suckleyi</i>                        | Native                 | -                              |
| Amaranthaceae   | <i>Atriplex truncata</i>                        | Native                 | 5                              |
| Poaceae         | <i>Avena barbata</i>                            | Exotic                 | 0                              |
| Poaceae         | <i>Avena fatua</i>                              | Exotic                 | 1                              |
| Poaceae         | <i>Avena sativa</i>                             | Exotic                 | 1                              |
| Amaranthaceae   | <i>Axyris amaranthoides</i>                     | Exotic                 | 1                              |
| Azollaceae      | <i>Azolla filiculoides</i>                      | Unknown / Undetermined | insuff. info.                  |

| FAMILY NAME    | SCIENTIFIC NAME <sup>1</sup>                                      | ORIGIN                        | 2015/2016 C-VALUE <sup>3</sup> |
|----------------|---|-------------------------------|--------------------------------|
| Plantaginaceae | <i>Bacopa rotundifolia</i>  | Native                        | 7                              |
| Asteraceae     | <i>Balsamorhiza hookeri</i>                                       | Native                        | -                              |
| Asteraceae     | <i>Balsamorhiza incana</i>  | Native                        | -                              |
| Asteraceae     | <i>Balsamorhiza macrophylla</i>                                   | Native                        | -                              |
| Asteraceae     | <i>Balsamorhiza sagittata</i>                                     | Native                        | -                              |
| Brassicaceae   | <i>Barbarea orthoceras</i>  | Native                        | 4                              |
| Brassicaceae   | <i>Barbarea vulgaris</i>  | Exotic                        | 1                              |
| Amaranthaceae  | <i>Bassia hyssopifolia</i>  | Exotic                        | 1                              |
| Poaceae        | <i>Beckmannia syzigachne</i>                                      | Native                        | 4                              |
| Asteraceae     | <i>Bellis perennis</i>  | Exotic                        | 1                              |
| Berberidaceae  | <i>Berberis aquifolium</i>  | Native                        | -                              |
| Berberidaceae  | <i>Berberis nervosa</i>   | Native                        | -                              |
| Berberidaceae  | <i>Berberis repens</i>  | Native                        | -                              |
| Berberidaceae  | <i>Berberis vulgaris</i>  | Exotic                        | 1                              |
| Brassicaceae   | <i>Berteroa incana</i>  | Exotic                        | 0                              |
| Apiaceae       | <i>Berula erecta</i>  | Native                        | 7                              |
| Plantaginaceae | <i>Besseyea rubra</i>   | Native                        | -                              |
| Plantaginaceae | <i>Besseyea wyomingensis</i>                                      | Native                        | -                              |
| Betulaceae     | <i>Betula glandulosa</i>  | Native                        | 8                              |
| Betulaceae     | <i>Betula occidentalis</i>  | Native                        | 5                              |
| Betulaceae     | <i>Betula papyrifera</i>  | Native                        | 3                              |
| Betulaceae     | <i>Betula pumila</i>  | Native                        | 6                              |
| Betulaceae     | <b><i>Betula X sanderii</i></b>                                   | <b>Unknown / Undetermined</b> | <b>NA</b>                      |
| Betulaceae     | <b><i>Betula X sargentii</i></b>                                  | <b>Native</b>                 | <b>NA</b>                      |
| Betulaceae     | <b><i>Betula X utahensis</i></b>                                  | <b>Native</b>                 | <b>NA</b>                      |
| Asteraceae     | <i>Bidens beckii</i>  | Native                        | 8                              |
| Asteraceae     | <i>Bidens cernua</i>  | Native                        | 4                              |
| Asteraceae     | <i>Bidens comosa</i>  | Native                        | 6                              |
| Asteraceae     | <i>Bidens frondosa</i>  | Native                        | 6                              |
| Asteraceae     | <i>Bidens vulgata</i>   | Native                        | 6                              |
| Brassicaceae   | <i>Boechera calderi</i>   | Native                        | -                              |
| Brassicaceae   | <i>Boechera collinsii</i>   | Native                        | -                              |
| Brassicaceae   | <i>Boechera demissa</i>   | Native                        | -                              |
| Brassicaceae   | <i>Boechera divaricarpa</i>                                       | Native                        | -                              |
| Brassicaceae   | <i>Boechera fecunda</i>   | Native                        | -                              |
| Brassicaceae   | <b><i>Boechera grahamii</i></b>                                   | <b>Native</b>                 | <b>NA</b>                      |
| Brassicaceae   | <b><i>Boechera lemmontii</i></b>                                  | <b>Native</b>                 | <b>4</b>                       |
| Brassicaceae   | <i>Boechera lyallii</i>   | Native                        | -                              |
| Brassicaceae   | <i>Boechera microphylla</i>                                       | Native                        | -                              |
| Brassicaceae   | <i>Boechera microphylla</i> var. <i>macounii</i>                  | Native                        | -                              |
| Brassicaceae   | <i>Boechera microphylla</i> var. <i>microphylla</i>               | Native                        | -                              |
| Brassicaceae   | <i>Boechera pauciflora</i>  | Native                        | -                              |
| Brassicaceae   | <i>Boechera pendulocarpa</i>                                      | Native                        | -                              |
| Brassicaceae   | <i>Boechera polyantha</i>   | Native                        | -                              |
| Brassicaceae   | <i>Boechera retrofracta</i>                                       | Native                        | -                              |
| Brassicaceae   | <i>Boechera saximontana</i>                                       | Native                        | -                              |
| Brassicaceae   | <i>Boechera sparsiflora</i>                                       | Native                        | -                              |
| Brassicaceae   | <b><i>Boechera stricta</i></b>                                    | <b>Native</b>                 | <b>4</b>                       |
| Cyperaceae     | <i>Bolboschoenus fluvialis</i><br><i>Schoenoplectus fluvialis</i> | Native                        | 4                              |
| Cyperaceae     | <i>Bolboschoenus maritimus</i><br><i>Schoenoplectus maritimus</i> | Native                        | 6                              |

| FAMILY NAME     | SCIENTIFIC NAME <sup>1</sup>                  | ORIGIN        | 2015/2016 C-VALUE <sup>3</sup> |
|-----------------|---|---------------|--------------------------------|
| Boraginaceae    | <i>Borago officinalis</i>                     | Exotic        | 1                              |
| Poaceae         | <i>Bothriochloa ischaemum</i>                 | Exotic        | 1                              |
| Ophioglossaceae | <i>Botrychium adnatum</i>                     | Native        | -                              |
| Ophioglossaceae | <i>Botrychium ascendens</i>                   | Native        | 4                              |
| Ophioglossaceae | <i>Botrychium campestre</i>                   | Native        | -                              |
| Ophioglossaceae | <i>Botrychium crenulatum</i>                  | Native        | 4                              |
| Ophioglossaceae | <i>Botrychium gallicomontanum</i>             | Native        | -                              |
| Ophioglossaceae | <i>Botrychium hesperium</i>                   | Native        | -                              |
| Ophioglossaceae | <i>Botrychium lanceolatum</i>                 | Native        | 6                              |
| Ophioglossaceae | <i>Botrychium lineare</i>                     | Native        | -                              |
| Ophioglossaceae | <i>Botrychium lunaria</i>                     | Native        | 4                              |
| Ophioglossaceae | <i>Botrychium michiganense</i>                | Native        | -                              |
| Ophioglossaceae | <i>Botrychium minganense</i>                  | Native        | -                              |
| Ophioglossaceae | <i>Botrychium montanum</i>                    | Native        | -                              |
| Ophioglossaceae | <i>Botrychium multifidum</i>                  | Native        | 8                              |
| Ophioglossaceae | <i>Botrychium pallidum</i>                    | Native        | -                              |
| Ophioglossaceae | <i>Botrychium paradoxum</i>                   | Native        | -                              |
| Ophioglossaceae | <i>Botrychium pedunculosum</i>                | Native        | -                              |
| Ophioglossaceae | <i>Botrychium pinnatum</i>                    | Native        | 7                              |
| Ophioglossaceae | <i>Botrychium simplex</i>                     | Native        | 6                              |
| Ophioglossaceae | <i>Botrychium spathulatum</i>                 | Native        | -                              |
| Ophioglossaceae | <i>Botrychium tunux</i>                       | Native        | -                              |
| Ophioglossaceae | <i>Botrychium virginianum</i>                 | Native        | 4                              |
| Ophioglossaceae | <i>Botrychium x watertonense</i>              | Native        | -                              |
| Ophioglossaceae | <i>Botrychium yaaxudakeit</i>                 | Native        | -                              |
| Poaceae         | <i>Bouteloua barbata</i>                      | Native        | -                              |
| Poaceae         | <i>Bouteloua curtipendula</i>                 | Native        | -                              |
| Poaceae         | <i>Bouteloua gracilis</i>                     | Native        | -                              |
| Saxifragaceae   | <i>Boykinia major</i>                         | Native        | 7                              |
| Cabombaceae     | <i>Brasenia schreberi</i>                     | Native        | 9                              |
| Brassicaceae    | <i>Brassica juncea</i>                        | Exotic        | 1                              |
| Brassicaceae    | <i>Brassica nigra</i>                         | Exotic        | 1                              |
| Brassicaceae    | <i>Brassica rapa</i>                          | Exotic        | 1                              |
| Brassicaceae    | <b><i>Braya humilis</i></b>                   | <b>Native</b> | <b>6</b>                       |
| Asteraceae      | <i>Brickellia eupatorioides</i>               | Native        | -                              |
| Asteraceae      | <i>Brickellia grandiflora</i>                 | Native        | -                              |
| Asteraceae      | <i>Brickellia oblongifolia</i>                | Native        | -                              |
| Poaceae         | <i>Bromus arvensis</i>                        | Exotic        | 1                              |
| Poaceae         | <i>Bromus berterianus</i>                     | Exotic        | 1                              |
| Poaceae         | <i>Bromus briziformis</i>                     | Exotic        | 1                              |
| Poaceae         | <i>Bromus carinatus</i>                       | Native        | 5                              |
| Poaceae         | <i>Bromus ciliatus</i>                        | Native        | 6                              |
| Poaceae         | <i>Bromus commutatus</i>                      | Exotic        | 1                              |
| Poaceae         | <i>Bromus diandrus</i>                        | Exotic        | 0                              |
| Poaceae         | <i>Bromus hordeaceus</i>                      | Exotic        | 1                              |
| Poaceae         | <i>Bromus inermis</i>                         | Exotic/Native | -                              |
| Poaceae         | <i>Bromus inermis</i> ssp. <i>inermis</i>     | Exotic        | 0                              |
| Poaceae         | <i>Bromus inermis</i> ssp. <i>pumellianus</i> | Native        | -                              |
| Poaceae         | <i>Bromus japonicus</i>                       | Exotic        | 0                              |
| Poaceae         | <b><i>Bromus latiglumis</i><sup>2</sup></b>   |               | <b>absent</b>                  |

| FAMILY NAME       | SCIENTIFIC NAME <sup>1</sup>                    | ORIGIN                 | 2015/2016 C-VALUE <sup>3</sup> |
|-------------------|---|------------------------|--------------------------------|
| Poaceae           | <i>Bromus polyanthus</i>                        | Unknown / Undetermined | -                              |
| Poaceae           | <i>Bromus porteri</i>                           | Native                 | -                              |
| Poaceae           | <i>Bromus racemosus</i>                         | Exotic                 | 1                              |
| Poaceae           | <i>Bromus richardsonii</i>                      | Native                 | -                              |
| Poaceae           | <i>Bromus secalinus</i>                         | Exotic                 | 1                              |
| Poaceae           | <i>Bromus squarrosus</i>                        | Exotic                 | 1                              |
| Poaceae           | <i>Bromus tectorum</i>                          | Exotic                 | 0                              |
| <b>Poaceae</b>    | <b><i>Bromus vulgaris</i></b>                   | <b>Native</b>          | <b>4</b>                       |
| Cucurbitaceae     | <i>Bryonia alba</i>                             | Exotic                 | 1                              |
| Poaceae           | <i>Buchloe dactyloides</i>                      | Native                 | -                              |
| <b>Cyperaceae</b> | <b><i>Bulbostylis capillaris</i></b>            | <b>Native</b>          | <b>insuff. info.</b>           |
| Apiaceae          | <i>Bupleurum americanum</i>                     | Native                 | -                              |
| Butomaceae        | <i>Butomus umbellatus</i>                       | Exotic                 | 0                              |
| Poaceae           | <i>Calamagrostis canadensis</i>                 | Native                 | 5                              |
| Poaceae           | <i>Calamagrostis koelerioides</i>               | Native                 | -                              |
| Poaceae           | <i>Calamagrostis montanensis</i>                | Native                 | -                              |
| Poaceae           | <i>Calamagrostis purpurascens</i>               | Native                 | -                              |
| Poaceae           | <i>Calamagrostis rubescens</i>                  | Native                 | -                              |
| <b>Poaceae</b>    | <b><i>Calamagrostis scopulorum</i></b>          | <b>Native</b>          | <b>4</b>                       |
| Poaceae           | <i>Calamagrostis stricta</i>                    | Native                 | 6                              |
| <b>Poaceae</b>    | <b><i>Calamagrostis tweedyi</i></b>             | <b>Native</b>          | <b>4</b>                       |
| Poaceae           | <i>Calamovilfa longifolia</i>                   | Native                 | -                              |
| Callitrichaceae   | <i>Callitriche hermaphroditica</i>              | Native                 | 6                              |
| Callitrichaceae   | <i>Callitriche heterophylla</i>                 | Native                 | 3                              |
| Callitrichaceae   | <i>Callitriche palustris</i>                    | Native                 | 6                              |
| Callitrichaceae   | <i>Callitriche stagnalis</i>                    | Exotic                 | 1                              |
| Liliaceae         | <i>Calochortus apiculatus</i>                   | Native                 | -                              |
| Liliaceae         | <i>Calochortus bruneaunis</i>                   | Native                 | -                              |
| Liliaceae         | <i>Calochortus elegans</i>                      | Native                 | -                              |
| Liliaceae         | <i>Calochortus eurycarpus</i>                   | Native                 | -                              |
| Liliaceae         | <i>Calochortus gunnisonii</i>                   | Native                 | -                              |
| Liliaceae         | <i>Calochortus macrocarpus</i>                  | Native                 | -                              |
| Liliaceae         | <i>Calochortus nuttallii</i>                    | Native                 | -                              |
| Ranunculaceae     | <i>Caltha leptosepala</i>                       | Native                 | 7                              |
| Onagraceae        | <i>Calylophus serrulatus</i>                    | Native                 | -                              |
| Orchidaceae       | <i>Calypso bulbosa</i>                          | Native                 | 6                              |
| Orchidaceae       | <i>Calypso bulbosa</i> var. <i>americana</i>    | Native                 | -                              |
| Orchidaceae       | <i>Calypso bulbosa</i> var. <i>occidentalis</i> | Native                 | -                              |
| Convolvulaceae    | <i>Calystegia macounii</i>                      | Unknown / Undetermined | -                              |
| Convolvulaceae    | <i>Calystegia sepium</i>                        | Exotic                 | 1                              |
| Liliaceae         | <i>Camassia quamash</i>                         | Native                 | 6                              |
| Brassicaceae      | <i>Camelina microcarpa</i>                      | Exotic                 | 0                              |
| Brassicaceae      | <i>Camelina sativa</i>                          | Exotic                 | 1                              |
| Onagraceae        | <i>Camissonia andina</i>                        | Native                 | -                              |
| Onagraceae        | <i>Camissonia breviflora</i>                    | Native                 | 5                              |
| Onagraceae        | <i>Camissonia minor</i>                         | Native                 | -                              |
| Onagraceae        | <i>Camissonia parvula</i>                       | Native                 | -                              |
| Onagraceae        | <i>Camissonia scapoidea</i>                     | Native                 | -                              |

| FAMILY NAME   | SCIENTIFIC NAME <sup>1</sup>                          | ORIGIN                 | 2015/2016 C-VALUE <sup>3</sup> |
|---------------|---|------------------------|--------------------------------|
| Onagraceae    | <i>Camissonia subacaulis</i>                          | Native                 | 5                              |
| Onagraceae    | <i>Camissonia tanacetifolia</i>                       | Unknown / Undetermined | -                              |
| Campanulaceae | <i>Campanula glomerata</i>                            | Exotic                 | 0                              |
| Campanulaceae | <i>Campanula medium</i>                               | Exotic                 | 1                              |
| Campanulaceae | <i>Campanula parryi</i>                               | Native                 | 7                              |
| Campanulaceae | <i>Campanula rapunculoides</i>                        | Exotic                 | 0                              |
| Campanulaceae | <i>Campanula rotundifolia</i>                         | Native                 | 3                              |
| Campanulaceae | <i>Campanula scabrella</i>                            | Native                 | -                              |
| Campanulaceae | <i>Campanula uniflora</i>                             | Native                 | 9                              |
| Asteraceae    | <i>Canadanthus modestus</i>                           | Native                 | 6                              |
| Cannabaceae   | <i>Cannabis sativa</i>                                | Exotic                 | 1                              |
| Brassicaceae  | <i>Capsella bursa-pastoris</i>                        | Exotic                 | 0                              |
| Fabaceae      | <i>Caragana arborescens</i>                           | Exotic                 | 1                              |
| Brassicaceae  | <i>Cardamine breweri</i>                              | Native                 | 7                              |
| Brassicaceae  | <i>Cardamine oligosperma</i>                          | Native                 | 3                              |
| Brassicaceae  | <i>Cardamine oligosperma</i> var. <i>kamtschatica</i> | Native                 | -                              |
| Brassicaceae  | <i>Cardamine oligosperma</i> var. <i>oligosperma</i>  | Native                 | -                              |
| Brassicaceae  | <i>Cardamine pensylvanica</i>                         | Native                 | 3                              |
| Brassicaceae  | <i>Cardamine rupicola</i>                             | Native                 | -                              |
| Asteraceae    | <i>Carduus acanthoides</i>                            | Exotic                 | 0                              |
| Asteraceae    | <i>Carduus nutans</i>                                 | Exotic                 | 0                              |
| Cyperaceae    | <i>Carex albonigra</i>                                | Native                 | 5                              |
| Cyperaceae    | <i>Carex amplifolia</i>                               | Native                 | 5                              |
| Cyperaceae    | <b><i>Carex angustata</i><sup>2</sup></b>             |                        | <b>absent</b>                  |
| Cyperaceae    | <i>Carex aperta</i>                                   | Native                 | 6                              |
| Cyperaceae    | <i>Carex aquatilis</i>                                | Native                 | 5                              |
| Cyperaceae    | <i>Carex aquatilis</i> var. <i>aquatilis</i>          | Native                 | -                              |
| Cyperaceae    | <i>Carex aquatilis</i> var. <i>dives</i>              | Native                 | -                              |
| Cyperaceae    | <i>Carex arcta</i>                                    | Native                 | 6                              |
| Cyperaceae    | <i>Carex atherodes</i>                                | Native                 | 5                              |
| Cyperaceae    | <i>Carex athrostachya</i>                             | Native                 | 4                              |
| Cyperaceae    | <i>Carex atrosquama</i>                               | Native                 | 5                              |
| Cyperaceae    | <i>Carex aurea</i>                                    | Native                 | 6                              |
| Cyperaceae    | <i>Carex backii</i>                                   | Native                 | -                              |
| Cyperaceae    | <i>Carex bebbii</i>                                   | Native                 | 7                              |
| Cyperaceae    | <i>Carex bolanderi</i>                                | Native                 | 6                              |
| Cyperaceae    | <i>Carex brevior</i>                                  | Native                 | 4                              |
| Cyperaceae    | <i>Carex brunnescens</i>                              | Native                 | 8                              |
| Cyperaceae    | <i>Carex buxbaumii</i>                                | Native                 | 8                              |
| Cyperaceae    | <i>Carex canescens</i>                                | Native                 | 8                              |
| Cyperaceae    | <i>Carex capillaris</i>                               | Native                 | 8                              |
| Cyperaceae    | <i>Carex capitata</i>                                 | Native                 | 7                              |
| Cyperaceae    | <i>Carex chalciolepis</i>                             | Native                 | 7                              |
| Cyperaceae    | <i>Carex chordorrhiza</i>                             | Native                 | 9                              |
| Cyperaceae    | <i>Carex comosa</i>                                   | Native                 | 7                              |
| Cyperaceae    | <i>Carex concinna</i>                                 | Native                 | 7                              |
| Cyperaceae    | <i>Carex concinnoides</i>                             | Native                 | -                              |
| Cyperaceae    | <i>Carex cordillerana</i>                             | Native                 | -                              |

| FAMILY NAME       | SCIENTIFIC NAME <sup>1</sup>   | ORIGIN        | 2015/2016 C-VALUE <sup>3</sup>                                |
|-------------------|--|---------------|---|
| Cyperaceae        | <i>Carex crawwei</i>   | Native        | 6   |
| Cyperaceae        | <i>Carex c Crawfordii</i>  | Native        | 5   |
| Cyperaceae        | <i>Carex cusickii</i>  | Native        | 7   |
| Cyperaceae        | <i>Carex deweyana</i>  | Native        | 6   |
| Cyperaceae        | <i>Carex diandra</i>   | Native        | 8   |
| Cyperaceae        | <i>Carex diluta</i>  | Exotic        | 1   |
| Cyperaceae        | <i>Carex disperma</i>  | Native        | 6   |
| Cyperaceae        | <i>Carex douglasii</i>   | Native        | 3   |
| Cyperaceae        | <i>Carex duriuscula</i>  | Native        | -   |
| <b>Cyperaceae</b> | <b><i>Carex eburnea</i></b>  | <b>Native</b> | <b>6</b>  |
| Cyperaceae        | <i>Carex echinata</i>  | Native        | 8   |
| Cyperaceae        | <i>Carex elynoides</i>   | Native        | 6   |
| Cyperaceae        | <i>Carex engelmannii</i>   | Native        | -   |
| Cyperaceae        | <i>Carex epapillosa</i>  | Native        | 5   |
| Cyperaceae        | <i>Carex filifolia</i>   | Native        | -   |
| Cyperaceae        | <i>Carex flava</i>   | Native        | 7   |
| <b>Cyperaceae</b> | <b><i>Carex foenea</i></b>   | <b>Native</b> | <b>insuff. info.</b>  |
| Cyperaceae        | <i>Carex fuliginoosa</i>   | Native        | 5   |
| <b>Cyperaceae</b> | <b><i>Carex garberi</i><sup>2</sup></b>  |               | <b>absent</b>   |
| Cyperaceae        | <i>Carex geyeri</i>  | Native        | -   |
| Cyperaceae        | <i>Carex glacialis</i>   | Native        | -   |
| Cyperaceae        | <i>Carex gravida</i>   | Native        | 6   |
| Cyperaceae        | <i>Carex gynocrates</i>  | Native        | 9   |
| <b>Cyperaceae</b> | <b><i>Carex hallii</i><sup>2</sup></b>   |               | <b>absent</b>   |
| Cyperaceae        | <i>Carex haydeniana</i>  | Native        | 6   |
| <b>Cyperaceae</b> | <b><i>Carex heteroneura</i><sup>2</sup></b>  |               | <b>absent</b>   |
| Cyperaceae        | <i>Carex hoodii</i>  | Native        | 4   |
| Cyperaceae        | <i>Carex hystericina</i>   | Native        | 5   |
| Cyperaceae        | <i>Carex idahoa</i>  | Native        | 7   |
| Cyperaceae        | <i>Carex illota</i>  | Native        | 7   |
| Cyperaceae        | <i>Carex incurviformis</i>   | Native        | 9   |
| Cyperaceae        | <i>Carex inops</i>   | Native        | -   |
| Cyperaceae        | <i>Carex interior</i>  | Native        | 8   |
| <b>Cyperaceae</b> | <b><i>Carex jonesii</i></b>  | <b>Native</b> | <b>insuff. info.</b>  |
| Cyperaceae        | <i>Carex kelloggii</i><br>syn. <i>Carex lenticularis</i> var. <i>lipocarpa</i> <sup>2</sup><br>[western & central MT counties] | Native        | 5   |
| Cyperaceae        | <i>Carex lachenalii</i>  | Native        | 9   |
| Cyperaceae        | <i>Carex lacustris</i>   | Native        | 9   |
| Cyperaceae        | <i>Carex laeviconica</i>   | Native        | 5   |
| Cyperaceae        | <i>Carex laeviculmis</i>   | Native        | 6   |
| Cyperaceae        | <i>Carex lasiocarpa</i>  | Native        | 7   |
| <b>Cyperaceae</b> | <b><i>Carex lenticularis</i><sup>2</sup></b>   | <b>Native</b> | <b>See <i>Carex kelloggii</i> or <i>Carex plectocarpa</i></b> |
| Cyperaceae        | <i>Carex leporinella</i>   | Native        | 5   |
| Cyperaceae        | <i>Carex leptalea</i>  | Native        | 8   |
| Cyperaceae        | <i>Carex leptopoda</i>   | Native        | 6   |
| Cyperaceae        | <i>Carex limosa</i>  | Native        | 9   |
| Cyperaceae        | <i>Carex livida</i>  | Native        | 9   |
| Cyperaceae        | <i>Carex luzulina</i>  | Native        | 7   |
| Cyperaceae        | <i>Carex luzulina</i> var. <i>ablata</i>   | Native        | -   |

| FAMILY NAME       | SCIENTIFIC NAME <sup>1</sup>  | ORIGIN                            | 2015/2016<br>C-VALUE <sup>3</sup> |
|-------------------|---|-----------------------------------|-----------------------------------|
| Cyperaceae        | <i>Carex luzulina</i> var. <i>atropurpurea</i>  | Native                            | -                                 |
| Cyperaceae        | <i>Carex macloviana</i>   | Native                            | 5                                 |
| Cyperaceae        | <i>Carex magellanica</i>  | Native                            | 10                                |
| Cyperaceae        | <i>Carex media</i>  | Native                            | 8                                 |
| Cyperaceae        | <i>Carex mertensii</i>  | Native                            | 3                                 |
| <b>Cyperaceae</b> | <b><i>Carex microglochin</i></b>  | <b>Unknown /<br/>Undetermined</b> | <b>NA</b>                         |
| Cyperaceae        | <i>Carex microptera</i>   | Native                            | 3                                 |
| Cyperaceae        | <i>Carex multicostata</i>   | Native                            | -                                 |
| <b>Cyperaceae</b> | <b><i>Carex nardina</i></b>   | <b>Native</b>                     | <b>5</b>                          |
| Cyperaceae        | <i>Carex nebrascensis</i>   | Native                            | 3                                 |
| Cyperaceae        | <i>Carex nelsonii</i>   | Native                            | 7                                 |
| Cyperaceae        | <i>Carex neurophora</i>   | Native                            | 7                                 |
| Cyperaceae        | <i>Carex nigricans</i>  | Native                            | 7                                 |
| Cyperaceae        | <i>Carex norvegica</i>  | Native                            | -                                 |
| Cyperaceae        | <i>Carex obtusata</i>   | Native                            | -                                 |
| Cyperaceae        | <i>Carex occidentalis</i>   | Native                            | -                                 |
| Cyperaceae        | <i>Carex pachystachya</i>   | Native                            | 7                                 |
| <b>Cyperaceae</b> | <b><i>Carex pallescens</i></b>  | <b>Native</b>                     | <b>6</b>                          |
| Cyperaceae        | <i>Carex parryana</i>   | Native                            | 5                                 |
| <b>Cyperaceae</b> | <b><i>Carex paysonis</i></b>  | <b>Native</b>                     | <b>4</b>                          |
| Cyperaceae        | <i>Carex pellita</i>  | Native                            | 4                                 |
| <b>Cyperaceae</b> | <b><i>Carex pelocarpa</i><br/>syn. <i>Carex nova</i> var. <i>pelocarpa</i></b>  | <b>Native</b>                     | <b>7</b>                          |
| Cyperaceae        | <i>Carex petasata</i>   | Native                            | 4                                 |
| Cyperaceae        | <i>Carex petricosa</i>  | Native                            | -                                 |
| <b>Cyperaceae</b> | <b><i>Carex phaeocephala</i></b>  | <b>Native</b>                     | <b>4</b>                          |
| <b>Cyperaceae</b> | <b><i>Carex plectocarpa</i><br/>syn. <i>Carex lenticularis</i> var. <i>dohlia</i><br/>[Glacier NP, Beaverhead &amp; Park Co.,<br/>MT]</b> | <b>Native</b>                     | <b>9</b>                          |
| Cyperaceae        | <i>Carex podocarpa</i>  | Native                            | 7                                 |
| Cyperaceae        | <i>Carex praeceptorum</i>   | Native                            | 7                                 |
| Cyperaceae        | <i>Carex praegracilis</i>   | Native                            | 4                                 |
| Cyperaceae        | <i>Carex prairea</i>  | Native                            | 9                                 |
| Cyperaceae        | <i>Carex praticola</i>  | Native                            | 4                                 |
| <b>Cyperaceae</b> | <b><i>Carex preslii</i><br/>syn. <i>Carex pachystachya</i></b>  | <b>Native</b>                     | <b>7</b>                          |
| Cyperaceae        | <i>Carex pyrenaica</i>  | Native                            | 7                                 |
| <b>Cyperaceae</b> | <b><i>Carex raynoldssii</i></b>   | <b>Native</b>                     | <b>4</b>                          |
| Cyperaceae        | <i>Carex retrorsa</i>   | Native                            | 7                                 |
| Cyperaceae        | <i>Carex rossii</i>   | Native                            | -                                 |
| Cyperaceae        | <i>Carex rostrata</i>   | Native                            | 9                                 |
| <b>Cyperaceae</b> | <b><i>Carex rupestris</i></b>   | <b>Native</b>                     | <b>4</b>                          |
| Cyperaceae        | <i>Carex sartwellii</i>   | Native                            | 7                                 |
| Cyperaceae        | <i>Carex saxatilis</i>  | Native                            | 8                                 |
| Cyperaceae        | <i>Carex saximontana</i>  | Native                            | -                                 |
| Cyperaceae        | <i>Carex scirpoidea</i>   | Native                            | 4                                 |
| Cyperaceae        | <i>Carex scirpoidea</i> ssp. <i>pseudoscirpoidea</i>  | Native                            | -                                 |
| Cyperaceae        | <i>Carex scirpoidea</i> ssp. <i>scirpoidea</i>  | Native                            | -                                 |
| Cyperaceae        | <i>Carex scirpoidea</i> ssp. <i>stenochlaena</i>  | Native                            | -                                 |
| Cyperaceae        | <i>Carex scoparia</i>   | Native                            | 7                                 |
| Cyperaceae        | <i>Carex scopulorum</i>   | Native                            | 8                                 |

| FAMILY NAME       | SCIENTIFIC NAME <sup>1</sup>                                       | ORIGIN                        | 2015/2016 C-VALUE <sup>3</sup> |
|-------------------|--|-------------------------------|--------------------------------|
| Cyperaceae        | <i>Carex scopulorum</i> var. <i>bracteosa</i>                      | Native                        | -                              |
| Cyperaceae        | <i>Carex scopulorum</i> var. <i>prionophylla</i>                   | Native                        | -                              |
| Cyperaceae        | <i>Carex siccata</i>   | Native                        | 7                              |
| Cyperaceae        | <i>Carex simulata</i>  | Native                        | 8                              |
| Cyperaceae        | <i>Carex spectabilis</i>   | Native                        | 7                              |
| Cyperaceae        | <i>Carex sprengelii</i>  | Native                        | 8                              |
| Cyperaceae        | <i>Carex stenoptila</i>  | Native                        | -                              |
| Cyperaceae        | <i>Carex stevenii</i>  | Native                        | 8                              |
| Cyperaceae        | <i>Carex stipata</i>   | Native                        | 4                              |
| Cyperaceae        | <i>Carex straminiformis</i>  | Unknown / Undetermined        | -                              |
| <b>Cyperaceae</b> | <b><i>Carex subfusca</i></b>                                       | <b>Unknown / Undetermined</b> | <b>NA</b>                      |
| Cyperaceae        | <i>Carex sychnocephala</i>   | Native                        | 8                              |
| Cyperaceae        | <i>Carex tahoensis</i>   | Native                        | -                              |
| Cyperaceae        | <i>Carex tenera</i>  | Native                        | 6                              |
| Cyperaceae        | <i>Carex tenuiflora</i>  | Native                        | 10                             |
| Cyperaceae        | <i>Carex torreyi</i>   | Native                        | 9                              |
| Cyperaceae        | <i>Carex utriculata</i>  | Native                        | 3                              |
| <b>Cyperaceae</b> | <b><i>Carex vaginata</i></b>                                       | <b>Native</b>                 | <b>insuff. info.</b>           |
| Cyperaceae        | <i>Carex vallicola</i>   | Native                        | 4                              |
| Cyperaceae        | <i>Carex vesicaria</i><br>syn. <i>Carex exsiccata</i> <sup>2</sup> | Native                        | 5                              |
| Cyperaceae        | <i>Carex viridula</i>  | Native                        | 8                              |
| Cyperaceae        | <i>Carex vulpinoidea</i>   | Native                        | 6                              |
| Cyperaceae        | <i>Carex xerantica</i>   | Unknown / Undetermined        | -                              |
| Apiaceae          | <i>Carum carvi</i>   | Exotic                        | 0                              |
| <b>Ericaceae</b>  | <b><i>Cassiope mertensiana</i></b>                                 | <b>Native</b>                 | <b>7</b>                       |
| <b>Ericaceae</b>  | <b><i>Cassiope tetragona</i></b>                                   | <b>Native</b>                 | <b>7</b>                       |
| Orobanchaceae     | <i>Castilleja angustifolia</i>                                     | Native                        | -                              |
| Orobanchaceae     | <i>Castilleja cervina</i>  | Native                        | -                              |
| Orobanchaceae     | <i>Castilleja covilleana</i>                                       | Native                        | -                              |
| Orobanchaceae     | <i>Castilleja crista-galli</i>                                     | Native                        | -                              |
| Orobanchaceae     | <i>Castilleja cusickii</i>   | Native                        | -                              |
| Orobanchaceae     | <i>Castilleja exilis</i>   | Native                        | 3                              |
| Orobanchaceae     | <i>Castilleja flava</i>  | Native                        | -                              |
| Orobanchaceae     | <i>Castilleja flava</i> var. <i>flava</i>                          | Native                        | -                              |
| Orobanchaceae     | <i>Castilleja flava</i> var. <i>rustica</i>                        | Native                        | -                              |
| Orobanchaceae     | <i>Castilleja gracillima</i>                                       | Native                        | 7                              |
| Orobanchaceae     | <i>Castilleja hispida</i>  | Native                        | -                              |
| Orobanchaceae     | <i>Castilleja kerryana</i>   | Native                        | -                              |
| Orobanchaceae     | <i>Castilleja linariifolia</i>                                     | Native                        | -                              |
| Orobanchaceae     | <i>Castilleja lutescens</i>  | Native                        | -                              |
| Orobanchaceae     | <i>Castilleja miniata</i>  | Native                        | 4                              |
| Orobanchaceae     | <i>Castilleja nivea</i>  | Native                        | -                              |
| Orobanchaceae     | <i>Castilleja occidentalis</i>                                     | Native                        | 7                              |
| Orobanchaceae     | <i>Castilleja pallescens</i>                                       | Native                        | -                              |
| Orobanchaceae     | <i>Castilleja pilosa</i>   | Native                        | -                              |
| Orobanchaceae     | <i>Castilleja pilosa</i> var. <i>longispica</i>                    | Native                        | -                              |
| Orobanchaceae     | <i>Castilleja pulchella</i>  | Native                        | -                              |
| Orobanchaceae     | <i>Castilleja rhixiifolia</i>                                      | Native                        | 7                              |
| Orobanchaceae     | <i>Castilleja sessiliflora</i>                                     | Native                        | -                              |

| FAMILY NAME            | SCIENTIFIC NAME <sup>1</sup>   | ORIGIN                        | 2015/2016 C-VALUE <sup>3</sup> |
|------------------------|--|-------------------------------|--------------------------------|
| Orobanchaceae          | <i>Castilleja sulphurea</i>  | Native                        | 7                              |
| Poaceae                | <i>Catabrosa aquatica</i>  | Native                        | 3                              |
| Rhamnaceae             | <i>Ceanothus herbaceus</i>   | Native                        | -                              |
| Rhamnaceae             | <i>Ceanothus sanguineus</i>  | Native                        | -                              |
| Rhamnaceae             | <i>Ceanothus velutinus</i>   | Native                        | -                              |
| <b>Celastraceae</b>    | <b><i>Celastrus scandens</i></b>                                     | <b>Native</b>                 | <b>insuff. info.</b>           |
| <b>Ulmaceae</b>        | <b><i>Celtis occidentalis</i></b>                                    | <b>Unknown / Undetermined</b> | <b>insuff. info.</b>           |
| Poaceae                | <i>Cenchrus longispinus</i>  | Exotic                        | 0                              |
| Asteraceae             | <i>Centaurea cyanus</i>  | Exotic                        | 1                              |
| Asteraceae             | <i>Centaurea diffusa</i>   | Exotic                        | 0                              |
| Asteraceae             | <i>Centaurea jacea</i>   | Exotic                        | 0                              |
| Asteraceae             | <i>Centaurea montana</i>   | Exotic                        | 0                              |
| Asteraceae             | <i>Centaurea nigra</i>   | Exotic                        | 0                              |
| Asteraceae             | <i>Centaurea scabiosa</i>  | Exotic                        | 1                              |
| Asteraceae             | <i>Centaurea solstitialis</i>  | Exotic                        | 0                              |
| Asteraceae             | <i>Centaurea stoebe</i>  | Exotic                        | 0                              |
| Asteraceae             | <i>Centaurea virgata</i>   | Exotic                        | 1                              |
| <b>Gentianaceae</b>    | <b><i>Centaurium erythraea</i></b>                                   | <b>Exotic</b>                 | <b>1</b>                       |
| Gentianaceae           | <i>Centaurium exaltatum</i><br><i>Zeltnera exaltata</i> <sup>2</sup> | Native                        | -                              |
| Myrsinaceae            | <i>Centunculus minimus</i>   | Native                        | -                              |
| <b>Caryophyllaceae</b> | <b><i>Cerastium arvense</i></b>                                      | <b>Native</b>                 | <b>3</b>                       |
| Caryophyllaceae        | <i>Cerastium beeringianum</i>  | Native                        | 4                              |
| Caryophyllaceae        | <i>Cerastium brachypodium</i>  | Native                        | 4                              |
| Caryophyllaceae        | <i>Cerastium dichotomum</i>  | Exotic                        | 1                              |
| Caryophyllaceae        | <i>Cerastium fontanum</i>  | Exotic                        | 0                              |
| Caryophyllaceae        | <i>Cerastium glomeratum</i>  | Exotic                        | 1                              |
| Caryophyllaceae        | <i>Cerastium nutans</i>  | Native                        | 4                              |
| Caryophyllaceae        | <i>Cerastium tomentosum</i>  | Exotic                        | 1                              |
| Ceratophyllaceae       | <i>Ceratophyllum demersum</i>  | Native                        | 3                              |
| Rosaceae               | <i>Cercocarpus ledifolius</i>  | Native                        | -                              |
| Rosaceae               | <i>Cercocarpus montanus</i>  | Native                        | -                              |
| Asteraceae             | <i>Chaenactis douglasii</i>  | Native                        | -                              |
| Asteraceae             | <i>Chaenactis douglasii</i> var. <i>alpina</i>                       | Native                        | -                              |
| Asteraceae             | <i>Chaenactis douglasii</i> var. <i>douglasii</i>                    | Native                        | -                              |
| Plantaginaceae         | <i>Chaenorhinum minus</i>  | Exotic                        | 1                              |
| Rosaceae               | <i>Chamaerhodos erecta</i>   | Unknown / Undetermined        | -                              |
| Onagraceae             | <i>Chamerion angustifolium</i>                                       | Native                        | 1                              |
| Onagraceae             | <i>Chamerion latifolium</i>  | Unknown / Undetermined        | -                              |
| Pteridaceae            | <i>Cheilanthes feei</i>  | Native                        | -                              |
| Pteridaceae            | <i>Cheilanthes gracillima</i>  | Native                        | -                              |
| Papaveraceae           | <i>Chelidonium majus</i>   | Exotic                        | 1                              |
| Amaranthaceae          | <i>Chenopodium album</i>   | Exotic                        | 0                              |
| Amaranthaceae          | <i>Chenopodium atrovirens</i>  | Native                        | -                              |
| Amaranthaceae          | <i>Chenopodium berlandieri</i>                                       | Native                        | -                              |
| Amaranthaceae          | <i>Chenopodium botrys</i>  | Exotic                        | 1                              |
| Amaranthaceae          | <i>Chenopodium capitatum</i>   | Native                        | -                              |
| Amaranthaceae          | <i>Chenopodium capitatum</i> var. <i>capitatum</i>                   | Unknown / Undetermined        | -                              |
| Amaranthaceae          | <i>Chenopodium capitatum</i> var. <i>parvicapitatum</i>              | Native                        | -                              |

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|----------------------|--|------------------------|--------------------------------|
| Amaranthaceae        | <i>Chenopodium chenopodioides</i>                            | Native                 | 3                              |
| Amaranthaceae        | <i>Chenopodium desiccatum</i>                                | Native                 | -                              |
| <b>Amaranthaceae</b> | <b><i>Chenopodium fremontii</i></b>                          | <b>Native</b>          | <b>3</b>                       |
| Amaranthaceae        | <i>Chenopodium glaucum</i>                                   | Native                 | 4                              |
| Amaranthaceae        | <i>Chenopodium glaucum</i> var. <i>glaucum</i>               | Exotic                 | 1                              |
| Amaranthaceae        | <i>Chenopodium glaucum</i> var. <i>salinum</i>               | Native                 | 4                              |
| Amaranthaceae        | <i>Chenopodium incanum</i>                                   | Native                 | -                              |
| <b>Amaranthaceae</b> | <b><i>Chenopodium leptophyllum</i></b>                       | <b>Native</b>          | <b>4</b>                       |
| Amaranthaceae        | <i>Chenopodium murale</i>                                    | Exotic                 | 0                              |
| Amaranthaceae        | <i>Chenopodium pratericola</i>                               | Native                 | -                              |
| Amaranthaceae        | <i>Chenopodium rubrum</i>                                    | Native                 | 3                              |
| Amaranthaceae        | <i>Chenopodium rubrum</i> var. <i>humile</i>                 | Exotic                 | 1                              |
| Amaranthaceae        | <i>Chenopodium rubrum</i> var. <i>rubrum</i>                 | Native                 | 3                              |
| Amaranthaceae        | <i>Chenopodium simplex</i>                                   | Native                 | -                              |
| Amaranthaceae        | <i>Chenopodium standleyanum</i>                              | Unknown / Undetermined | -                              |
| Amaranthaceae        | <i>Chenopodium subglabrum</i>                                | Native                 | -                              |
| Amaranthaceae        | <i>Chenopodium watsonii</i>                                  | Unknown / Undetermined | -                              |
| Ericaceae            | <i>Chimaphila menziesii</i>                                  | Native                 | -                              |
| Ericaceae            | <i>Chimaphila umbellata</i>                                  | Native                 | -                              |
| Plantaginaceae       | <i>Chionophila tweedyi</i>                                   | Native                 | -                              |
| Asteraceae           | <i>Chondrilla juncea</i>                                     | Exotic                 | 0                              |
| Brassicaceae         | <i>Chorispora tenella</i>                                    | Exotic                 | 0                              |
| Saxifragaceae        | <i>Chrysosplenium tetrandrum</i>                             | Native                 | 4                              |
| Asteraceae           | <i>Chrysothamnus viscidiflorus</i>                           | Native                 | -                              |
| Asteraceae           | <i>Chrysothamnus viscidiflorus</i> ssp. <i>lanceolatus</i>   | Native                 | -                              |
| Asteraceae           | <i>Chrysothamnus viscidiflorus</i> ssp. <i>viscidiflorus</i> | Native                 | -                              |
| Asteraceae           | <i>Cichorium intybus</i>                                     | Exotic                 | 1                              |
| Apiaceae             | <i>Cicuta bulbifera</i>                                      | Native                 | 7                              |
| Apiaceae             | <i>Cicuta douglasii</i>                                      | Native                 | 4                              |
| Apiaceae             | <i>Cicuta maculata</i>                                       | Native                 | 3                              |
| <b>Poaceae</b>       | <b><i>Cinna arundinacea</i></b>                              |                        | <b>absent</b>                  |
| Poaceae              | <i>Cinna latifolia</i>                                       | Native                 | 5                              |
| Onagraceae           | <i>Circaea alpina</i>  | Native                 | 5                              |
| Onagraceae           | <i>Circaeа alpina</i> ssp. <i>alpina</i>                     | Native                 | -                              |
| Onagraceae           | <i>Circaeа alpina</i> ssp. <i>pacifica</i>                   | Native                 | -                              |
| Asteraceae           | <i>Cirsium arvense</i>                                       | Exotic                 | 0                              |
| Asteraceae           | <i>Cirsium brevistylum</i>                                   | Native                 | -                              |
| Asteraceae           | <i>Cirsium canescens</i>                                     | Native                 | -                              |
| Asteraceae           | <i>Cirsium canovirens</i>                                    | Native                 | -                              |
| Asteraceae           | <i>Cirsium eatonii</i>                                       | Native                 | -                              |
| Asteraceae           | <i>Cirsium flodmanii</i>                                     | Native                 | 3                              |
| <b>Asteraceae</b>    | <b><i>Cirsium foliosum</i><sup>2</sup></b>                   |                        | <b>absent</b>                  |
| Asteraceae           | <i>Cirsium hookerianum</i>                                   | Native                 | -                              |
| Asteraceae           | <i>Cirsium longistylum</i>                                   | Native                 | -                              |
| Asteraceae           | <i>Cirsium pulcherrimum</i>                                  | Native                 | -                              |
| Asteraceae           | <i>Cirsium scariosum</i>                                     | Native                 | 5                              |
| Asteraceae           | <i>Cirsium undulatum</i>                                     | Native                 | 4                              |
| Asteraceae           | <i>Cirsium vulgare</i>                                       | Exotic                 | 0                              |
| Portulacaceae        | <i>Cistanthe umbellata</i>                                   | Native                 | -                              |
| Onagraceae           | <i>Clarkia pulchella</i>                                     | Native                 | -                              |

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|----------------------|---|-------------------------------|--------------------------------|
| Onagraceae           | <i>Clarkia rhomboidea</i>   | Native                        | -                              |
| Portulacaceae        | <i>Claytonia arenicola</i>  | Native                        | -                              |
| Portulacaceae        | <i>Claytonia cordifolia</i>                                       | Native                        | 5                              |
| Portulacaceae        | <i>Claytonia lanceolata</i>                                       | Native                        | 4                              |
| Portulacaceae        | <i>Claytonia megarhiza</i>  | Native                        | -                              |
| Portulacaceae        | <i>Claytonia multiscapa</i>                                       | Native                        | 4                              |
| <b>Portulacaceae</b> | <b><i>Claytonia parviflora</i></b>                                | <b>Native</b>                 | <b>5</b>                       |
| Portulacaceae        | <i>Claytonia perfoliata</i>                                       | Native                        | 2                              |
| Portulacaceae        | <i>Claytonia rubra</i>  | Native                        | -                              |
| Portulacaceae        | <i>Claytonia rubra</i> ssp. <i>depressa</i>                       | Native                        | -                              |
| Portulacaceae        | <i>Claytonia rubra</i> ssp. <i>rubra</i>                          | Native                        | -                              |
| Portulacaceae        | <i>Claytonia sibirica</i>   | Native                        | 5                              |
| Ranunculaceae        | <i>Clematis columbiana</i>  | Native                        | -                              |
| Ranunculaceae        | <i>Clematis columbiana</i> var. <i>columbiana</i>                 | Native                        | -                              |
| Ranunculaceae        | <i>Clematis columbiana</i> var. <i>tenuiloba</i>                  | Native                        | -                              |
| Ranunculaceae        | <i>Clematis hirsutissima</i>                                      | Native                        | -                              |
| Ranunculaceae        | <i>Clematis ligusticifolia</i>                                    | Native                        | 3                              |
| Ranunculaceae        | <i>Clematis occidentalis</i>                                      | Native                        | -                              |
| Cleomaceae           | <i>Cleome lutea</i><br><i>Peritoma lutea</i> <sup>2</sup>         | Native                        | -                              |
| Cleomaceae           | <i>Cleome serrulata</i><br><i>Peritoma serrulata</i> <sup>2</sup> | Native                        | -                              |
| Liliaceae            | <i>Clintonia uniflora</i>   | Native                        | -                              |
| Orchidaceae          | <i>Coeloglossum viride</i>  | Native                        | 6                              |
| Plantaginaceae       | <i>Collinsia parviflora</i>                                       | Native                        | -                              |
| Polemoniaceae        | <i>Collomia debilis</i>   | Native                        | -                              |
| Polemoniaceae        | <i>Collomia debilis</i> var. <i>camporum</i>                      | Native                        | -                              |
| Polemoniaceae        | <i>Collomia debilis</i> var. <i>debilis</i>                       | Native                        | -                              |
| Polemoniaceae        | <i>Collomia grandiflora</i>                                       | Native                        | -                              |
| Polemoniaceae        | <i>Collomia linearis</i>  | Native                        | 3                              |
| Polemoniaceae        | <i>Collomia tinctoria</i>   | Native                        | -                              |
| Santalaceae          | <i>Comandra umbellata</i>   | Native                        | -                              |
| Rosaceae             | <i>Comarum palustre</i>   | Native                        | 7                              |
| Saxifragaceae        | <i>Conimitella williamsii</i>                                     | Native                        | -                              |
| <b>Apiaceae</b>      | <b><i>Conioselinum scopulorum</i></b>                             | <b>Unknown / Undetermined</b> | <b>insuff. info.</b>           |
| Apiaceae             | <i>Conium maculatum</i>   | Exotic                        | 0                              |
| Brassicaceae         | <i>Conringia orientalis</i>                                       | Exotic                        | 1                              |
| Convolvulaceae       | <i>Convolvulus arvensis</i>                                       | Exotic                        | 0                              |
| Asteraceae           | <i>Conyza canadensis</i>  | Native                        | -                              |
| Ranunculaceae        | <i>Coptis occidentalis</i>  | Native                        | -                              |
| <b>Orchidaceae</b>   | <b><i>Corallorrhiza maculata</i></b>                              | <b>Native</b>                 | <b>5</b>                       |
| Orchidaceae          | <i>Corallorrhiza maculata</i> var. <i>maculata</i>                | Native                        | -                              |
| Orchidaceae          | <i>Corallorrhiza maculata</i> var. <i>occidentalis</i>            | Native                        | -                              |
| Orchidaceae          | <i>Corallorrhiza mertensiana</i>                                  | Native                        | -                              |
| <b>Orchidaceae</b>   | <b><i>Corallorrhiza striata</i></b>                               | <b>Native</b>                 | <b>5</b>                       |
| Orchidaceae          | <i>Corallorrhiza trifida</i>                                      | Native                        | 8                              |
| Orchidaceae          | <i>Corallorrhiza wisteriana</i>                                   | Native                        | 9                              |
| Orobanchaceae        | <i>Cordylanthus capitatus</i>                                     | Unknown / Undetermined        | -                              |
| Orobanchaceae        | <i>Cordylanthus ramosus</i>                                       | Native                        | 6                              |
| Asteraceae           | <i>Coreopsis tinctoria</i>  | Native                        | 6                              |
| <b>Amaranthaceae</b> | <b><i>Corispermum americanum</i></b>                              | <b>Native</b>                 | <b>6</b>                       |

| FAMILY NAME   | SCIENTIFIC NAME <sup>1</sup>   | ORIGIN                 | 2015/2016 C-VALUE <sup>3</sup> |
|---------------|--|------------------------|--------------------------------|
| Amaranthaceae | <i>Corispermum villosum</i>  | Unknown / Undetermined | -                              |
| Cornaceae     | <i>Cornus canadensis</i>   | Native                 | 7                              |
| Cornaceae     | <i>Cornus sericea</i><br>syn. <i>Cornus stolonifera</i> , <i>Cornus alba</i> | Native                 | 5                              |
| Fabaceae      | <i>Coronilla varia</i>   | Exotic                 | 1                              |
| Fumariaceae   | <i>Corydalis aurea</i>   | Native                 | -                              |
| Fumariaceae   | <i>Corydalis sempervirens</i>  | Native                 | -                              |
| Cactaceae     | <i>Coryphantha missouriensis</i>   | Native                 | -                              |
| Cactaceae     | <i>Coryphantha vivipara</i>  | Native                 | -                              |
| Rosaceae      | <i>Crataegus castlegarensis</i>  | Native                 | -                              |
| Rosaceae      | <i>Crataegus chrysocarpa</i>   | Native                 | -                              |
| Rosaceae      | <i>Crataegus douglasii</i>   | Native                 | 5                              |
| Rosaceae      | <i>Crataegus macracantha</i>   | Native                 | -                              |
| Rosaceae      | <i>Crataegus monogyna</i>  | Exotic                 | 1                              |
| Rosaceae      | <i>Crataegus okanaganensis</i>   | Native                 | -                              |
| Rosaceae      | <i>Crataegus suksdorfii</i>  | Native                 | -                              |
| Rosaceae      | <i>Crataegus williamsii</i>  | Native                 | -                              |
| Asteraceae    | <i>Crepis acuminata</i>  | Native                 | -                              |
| Asteraceae    | <i>Crepis atribarba</i>  | Native                 | -                              |
| Asteraceae    | <i>Crepis elegans</i>  | Native                 | -                              |
| Asteraceae    | <i>Crepis intermedia</i>   | Native                 | -                              |
| Asteraceae    | <i>Crepis modocensis</i>   | Native                 | -                              |
| Asteraceae    | <i>Crepis nana</i>   | Native                 | -                              |
| Asteraceae    | <i>Crepis occidentalis</i>   | Native                 | -                              |
| Asteraceae    | <i>Crepis runcinata</i>  | Native                 | 5                              |
| Asteraceae    | <i>Crepis runcinata</i> ssp. <i>glaucia</i>                                  | Native                 | -                              |
| Asteraceae    | <i>Crepis runcinata</i> ssp. <i>hispidulosa</i>                              | Native                 | -                              |
| Asteraceae    | <i>Crepis runcinata</i> ssp. <i>runcinata</i>                                | Native                 | -                              |
| Asteraceae    | <i>Crepis setosa</i>   | Exotic                 | 1                              |
| Asteraceae    | <i>Crepis tectorum</i>   | Exotic                 | 0                              |
| Poaceae       | <i>Crypsis alopecuroides</i>   | Exotic                 | 1                              |
| Boraginaceae  | <i>Cryptantha affinis</i>  | Native                 | -                              |
| Boraginaceae  | <i>Cryptantha ambigua</i>  | Native                 | -                              |
| Boraginaceae  | <i>Cryptantha cana</i>   | Native                 | -                              |
| Boraginaceae  | <i>Cryptantha celosioides</i>  | Native                 | -                              |
| Boraginaceae  | <i>Cryptantha cinerea</i>  | Unknown / Undetermined | -                              |
| Boraginaceae  | <i>Cryptantha fendleri</i>   | Native                 | -                              |
| Boraginaceae  | <i>Cryptantha flavoculata</i>  | Native                 | -                              |
| Boraginaceae  | <i>Cryptantha humilis</i>  | Native                 | -                              |
| Boraginaceae  | <i>Cryptantha kelseyania</i>   | Native                 | -                              |
| Boraginaceae  | <i>Cryptantha minima</i>   | Native                 | -                              |
| Boraginaceae  | <i>Cryptantha scoparia</i>   | Native                 | -                              |
| Boraginaceae  | <i>Cryptantha sobolifera</i>   | Native                 | -                              |
| Boraginaceae  | <i>Cryptantha spiculifera</i>  | Native                 | -                              |
| Boraginaceae  | <i>Cryptantha torreyana</i>  | Native                 | -                              |
| Boraginaceae  | <i>Cryptantha watsonii</i>   | Native                 | -                              |
| Pteridaceae   | <i>Cryptogramma acrostichoides</i>   | Native                 | -                              |
| Pteridaceae   | <i>Cryptogramma cascadensis</i>  | Native                 | -                              |
| Pteridaceae   | <b><i>Cryptogramma stelleri</i></b>  | <b>Native</b>          | <b>10</b>                      |
| Cuscutaceae   | <i>Cuscuta approximata</i>   | Exotic                 | 1                              |

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|----------------------|---|-------------------------------|--------------------------------|
| Cuscutaceae          | <i>Cuscuta coryli</i>                                     | Unknown / Undetermined        | -                              |
| Cuscutaceae          | <i>Cuscuta epithymum</i>                                  | Exotic                        | 1                              |
| Cuscutaceae          | <i>Cuscuta gronovii</i>                                   | Unknown / Undetermined        | -                              |
| Cuscutaceae          | <i>Cuscuta indecora</i>                                   | Unknown / Undetermined        | -                              |
| Cuscutaceae          | <i>Cuscuta megalocarpa</i>                                | Unknown / Undetermined        | -                              |
| Cuscutaceae          | <i>Cuscuta pentagona</i>                                  | Unknown / Undetermined        | -                              |
| <b>Amaranthaceae</b> | <b><i>Cycloloma atriplicifolium</i></b>                   | <b>Unknown / Undetermined</b> | <b>insuff. info.</b>           |
| Apiaceae             | <i>Cymopterus acaulis</i>                                 | Native                        | -                              |
| Apiaceae             | <i>Cymopterus glaucus</i>                                 | Native                        | -                              |
| Apiaceae             | <i>Cymopterus hendersonii</i>                             | Native                        | -                              |
| Apiaceae             | <i>Cymopterus longilobus</i>                              | Native                        | -                              |
| Apiaceae             | <i>Cymopterus nivalis</i>                                 | Native                        | -                              |
| Apiaceae             | <i>Cymopterus terebinthinus</i>                           | Native                        | -                              |
| Apiaceae             | <i>Cymopterus terebinthinus</i> var. <i>albiflorus</i>    | Native                        | -                              |
| Apiaceae             | <i>Cymopterus terebinthinus</i> var. <i>foeniculaceus</i> | Native                        | -                              |
| Poaceae              | <i>Cynodon dactylon</i>                                   | Exotic                        | 1                              |
| Boraginaceae         | <i>Cynoglossum officinale</i>                             | Exotic                        | 0                              |
| Poaceae              | <i>Cynosurus cristatus</i>                                | Exotic                        | 1                              |
| Poaceae              | <i>Cynosurus echinatus</i>                                | Exotic                        | 1                              |
| Cyperaceae           | <i>Cyperus acuminatus</i>                                 | Native                        | 4                              |
| Cyperaceae           | <i>Cyperus bipartitus</i>                                 | Native                        | 4                              |
| Cyperaceae           | <i>Cyperus erythrorhizos</i>                              | Native                        | 4                              |
| Cyperaceae           | <i>Cyperus schweinitzii</i>                               | Native                        | 8                              |
| Cyperaceae           | <i>Cyperus squarrosus</i>                                 | Native                        | 4                              |
| Cyperaceae           | <i>Cyperus strigosus</i>                                  | Native                        | 4                              |
| Orchidaceae          | <i>Cypripedium fasciculatum</i>                           | Native                        | 7                              |
| Orchidaceae          | <i>Cypripedium montanum</i>                               | Native                        | 8                              |
| Orchidaceae          | <i>Cypripedium parviflorum</i>                            | Native                        | 9                              |
| Orchidaceae          | <i>Cypripedium passerinum</i>                             | Native                        | 10                             |
| Orchidaceae          | <i>Cypripedium x columbianum</i>                          | Native                        | -                              |
| Dryopteridaceae      | <i>Cystopteris fragilis</i>                               | Native                        | -                              |
| Dryopteridaceae      | <i>Cystopteris montana</i>                                | Native                        | 10                             |
| Fabaceae             | <i>Cytisus scoparius</i>                                  | Exotic                        | 0                              |
| Poaceae              | <i>Dactylis glomerata</i>                                 | Exotic                        | 0                              |
| Fabaceae             | <i>Dalea candida</i>                                      | Native                        | -                              |
| Fabaceae             | <i>Dalea enneandra</i>                                    | Native                        | -                              |
| Fabaceae             | <i>Dalea purpurea</i>                                     | Native                        | -                              |
| Fabaceae             | <i>Dalea villosa</i>                                      | Native                        | -                              |
| <b>Alismataceae</b>  | <b><i>Damasonium californicum</i></b>                     | <b>Native</b>                 | <b>insuff. info.</b>           |
| Poaceae              | <i>Danthonia californica</i>                              | Native                        | 4                              |
| Poaceae              | <i>Danthonia intermedia</i>                               | Native                        | 5                              |
| Poaceae              | <i>Danthonia parryi</i>                                   | Native                        | -                              |
| Poaceae              | <i>Danthonia spicata</i>                                  | Native                        | -                              |
| Poaceae              | <i>Danthonia unispicata</i>                               | Native                        | -                              |
| Thymelaeaceae        | <i>Daphne mezereum</i>                                    | Exotic                        | 1                              |
| Solanaceae           | <i>Datura stramonium</i>                                  | Exotic                        | 1                              |
| Apiaceae             | <i>Daucus carota</i>                                      | Exotic                        | 1                              |

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|----------------------|--|------------------------|--------------------------------|
| Ranunculaceae        | <i>Delphinium ajacis</i>   | Exotic                 | 1                              |
| Ranunculaceae        | <i>Delphinium andersonii</i>                                       | Unknown / Undetermined | -                              |
| Ranunculaceae        | <i>Delphinium bicolor</i>  | Native                 | -                              |
| Ranunculaceae        | <i>Delphinium bicolor</i> ssp. <i>bicolor</i>                      | Native                 | -                              |
| Ranunculaceae        | <i>Delphinium bicolor</i> ssp. <i>calcicola</i>                    | Native                 | -                              |
| Ranunculaceae        | <i>Delphinium burkei</i>   | Native                 | -                              |
| Ranunculaceae        | <i>Delphinium depauperatum</i>                                     | Native                 | 7                              |
| Ranunculaceae        | <i>Delphinium geyeri</i>   | Unknown / Undetermined | -                              |
| <b>Ranunculaceae</b> | <b><i>Delphinium glaucescens</i></b>                               | <b>Native</b>          | <b>4</b>                       |
| Ranunculaceae        | <i>Delphinium glaucum</i>  | Native                 | 6                              |
| Ranunculaceae        | <i>Delphinium nuttallianum</i>                                     | Native                 | 4                              |
| Ranunculaceae        | <i>Delphinium occidentale</i>                                      | Native                 | -                              |
| Poaceae              | <i>Deschampsia cespitosa</i>                                       | Native                 | 7                              |
| Poaceae              | <i>Deschampsia danthonioides</i>                                   | Native                 | 5                              |
| Poaceae              | <i>Deschampsia elongata</i>  | Native                 | 4                              |
| <b>Brassicaceae</b>  | <b><i>Descurainia incana</i></b>                                   | <b>Native</b>          | <b>3</b>                       |
| Brassicaceae         | <i>Descurainia incana</i> var. <i>incana</i>                       | Native                 | -                              |
| Brassicaceae         | <i>Descurainia incana</i> var. <i>macroisperma</i>                 | Native                 | -                              |
| Brassicaceae         | <i>Descurainia incana</i> var. <i>viscosa</i>                      | Native                 | -                              |
| Brassicaceae         | <i>Descurainia pinnata</i>   | Native                 | -                              |
| Brassicaceae         | <i>Descurainia pinnata</i> var. <i>brachycarpa</i>                 | Native                 | -                              |
| Brassicaceae         | <i>Descurainia pinnata</i> var. <i>filipes</i>                     | Native                 | -                              |
| Brassicaceae         | <i>Descurainia pinnata</i> var. <i>intermedia</i>                  | Native                 | -                              |
| Brassicaceae         | <i>Descurainia pinnata</i> var. <i>nelsonii</i>                    | Native                 | -                              |
| Brassicaceae         | <i>Descurainia sophia</i>  | Exotic                 | 0                              |
| Brassicaceae         | <i>Descurainia torulosa</i>  | Native                 | -                              |
| Caryophyllaceae      | <i>Dianthus armeria</i>  | Exotic                 | 0                              |
| Caryophyllaceae      | <i>Dianthus barbatus</i>   | Exotic                 | 1                              |
| Caryophyllaceae      | <i>Dianthus deltoides</i>  | Exotic                 | 1                              |
| Fumariaceae          | <i>Dicentra uniflora</i>   | Native                 | -                              |
| Poaceae              | <i>Dichanthelium acuminatum</i>                                    | Native                 | 9                              |
| <b>Poaceae</b>       | <b><i>Dichanthelium oligosanthes</i> var. <i>scribnerianum</i></b> | <b>Native</b>          | <b>4</b>                       |
| Poaceae              | <i>Dichanthelium wilcoxianum</i>                                   | Native                 | -                              |
| Plantaginaceae       | <i>Digitalis purpurea</i>  | Exotic                 | 1                              |
| Poaceae              | <i>Digitaria ischaemum</i>   | Exotic                 | 1                              |
| Poaceae              | <i>Digitaria sanguinalis</i>                                       | Exotic                 | 1                              |
| Brassicaceae         | <i>Diplotaxis muralis</i>  | Exotic                 | 1                              |
| Dipsacaceae          | <i>Dipsacus fullonum</i>   | Exotic                 | 0                              |
| Poaceae              | <i>Distichlis spicata</i>  | Native                 | 5                              |
| <b>Primulaceae</b>   | <b><i>Dodecatheon conjugens</i></b>                                | <b>Native</b>          | <b>4</b>                       |
| Primulaceae          | <i>Dodecatheon jeffreyi</i>  | Native                 | 7                              |
| Primulaceae          | <i>Dodecatheon pulchellum</i>                                      | Native                 | 5                              |
| Primulaceae          | <i>Douglasia conservatorum</i>                                     | Native                 | -                              |
| Primulaceae          | <i>Douglasia montana</i>   | Native                 | -                              |
| Campanulaceae        | <i>Downingia laeta</i>   | Native                 | 9                              |
| Brassicaceae         | <i>Draba albertina</i>   | Native                 | 4                              |
| Brassicaceae         | <i>Draba aurea</i>   | Native                 | 7                              |
| Brassicaceae         | <i>Draba brachycarpa</i>   | Native                 | -                              |
| Brassicaceae         | <i>Draba calcifuga</i>   | Native                 | -                              |
| Brassicaceae         | <i>Draba cana</i>  | Native                 | -                              |

| FAMILY NAME         | SCIENTIFIC NAME <sup>1</sup>  | ORIGIN                            | 2015/2016<br>C-VALUE <sup>3</sup> |
|---------------------|---|-----------------------------------|-----------------------------------|
| Brassicaceae        | <i>Draba crassa</i>   | Native                            | -                                 |
| Brassicaceae        | <i>Draba crassifolia</i>  | Native                            | -                                 |
| Brassicaceae        | <i>Draba daviesiae</i>  | Native                            | -                                 |
| Brassicaceae        | <i>Draba densifolia</i>   | Native                            | -                                 |
| Brassicaceae        | <i>Draba fladnizensis</i>   | Native                            | -                                 |
| Brassicaceae        | <i>Draba globosa</i>  | Native                            | -                                 |
| Brassicaceae        | <i>Draba incerta</i>  | Native                            | -                                 |
| <b>Brassicaceae</b> | <b><i>Draba lonchocarpa</i></b>   | <b>Native</b>                     | <b>5</b>                          |
| Brassicaceae        | <i>Draba macounii</i>   | Native                            | -                                 |
| Brassicaceae        | <i>Draba nemorosa</i>   | Native                            | 2                                 |
| Brassicaceae        | <i>Draba oligosperma</i>  | Native                            | -                                 |
| Brassicaceae        | <i>Draba paysonii</i>   | Native                            | -                                 |
| Brassicaceae        | <i>Draba paysonii</i> var. <i>paysonii</i>                                | Native                            | -                                 |
| Brassicaceae        | <i>Draba paysonii</i> var. <i>treleasii</i>                               | Native                            | -                                 |
| Brassicaceae        | <i>Draba porsildii</i>  | Native                            | -                                 |
| Brassicaceae        | <i>Draba praealta</i>   | Native                            | 4                                 |
| Brassicaceae        | <i>Draba reptans</i>  | Native                            | -                                 |
| Brassicaceae        | <i>Draba stenoloba</i>  | Native                            | 4                                 |
| Brassicaceae        | <i>Draba ventosa</i>  | Native                            | -                                 |
| Brassicaceae        | <i>Draba verna</i>  | Exotic                            | 0                                 |
| <b>Lamiaceae</b>    | <b><i>Dracocephalum parviflorum</i></b>                                   | <b>Native</b>                     | <b>3</b>                          |
| Lamiaceae           | <i>Dracocephalum thymiflorum</i>  | Exotic                            | 1                                 |
| Droseraceae         | <i>Drosera anglica</i>  | Native                            | 10                                |
| Droseraceae         | <i>Drosera linearis</i>   | Native                            | 10                                |
| Droseraceae         | <i>Drosera rotundifolia</i>   | Native                            | 10                                |
| <b>Rosaceae</b>     | <b><i>Dryas drummondii</i></b>  | <b>Native</b>                     | <b>6</b>                          |
| <b>Rosaceae</b>     | <b><i>Dryas integrifolia</i></b>  | <b>Native</b>                     | <b>insuff. info.</b>              |
| Rosaceae            | <i>Dryas octopetala</i>   | Native                            | 5                                 |
| <b>Rosaceae</b>     | <b><i>Drymocallis arguta</i></b><br><b>syn. <i>Potentilla arguta</i></b>  | <b>Native</b>                     | <b>4</b>                          |
| Rosaceae            | <i>Drymocallis fissa</i>  | Native                            | -                                 |
| Rosaceae            | <i>Drymocallis glandulosa</i><br><b>syn. <i>Potentilla glandulosa</i></b> | Native                            | 6                                 |
| Dryopteridaceae     | <i>Dryopteris carthusiana</i>   | Native                            | 7                                 |
| Dryopteridaceae     | <i>Dryopteris cristata</i>  | Native                            | 9                                 |
| Dryopteridaceae     | <i>Dryopteris expansa</i>   | Native                            | 8                                 |
| Dryopteridaceae     | <i>Dryopteris filix-mas</i>   | Native                            | -                                 |
| Cyperaceae          | <i>Dulichium arundinaceum</i>   | Native                            | 9                                 |
| Asteraceae          | <i>Dyssodia papposa</i>   | Native                            | -                                 |
| Asteraceae          | <i>Echinacea angustifolia</i>   | Native                            | -                                 |
| Poaceae             | <i>Echinochloa crus-galli</i>   | Exotic                            | 0                                 |
| Poaceae             | <i>Echinochloa muricata</i>   | Native                            | 1                                 |
| Cucurbitaceae       | <i>Echinocystis lobata</i>  | Native                            | 5                                 |
| Boraginaceae        | <i>Echium vulgare</i>   | Exotic                            | 0                                 |
| Elaeagnaceae        | <i>Elaeagnus angustifolia</i>   | Exotic                            | 0                                 |
| <b>Elaeagnaceae</b> | <b><i>Elaeagnus commutata</i></b>   | <b>Native</b>                     | <b>4</b>                          |
| Elatinaceae         | <i>Elatine brachysperma</i>   | Native                            | 6                                 |
| Elatinaceae         | <i>Elatine californica</i>  | Native                            | 6                                 |
| Elatinaceae         | <i>Elatine rubella</i>  | Native                            | 6                                 |
| Elatinaceae         | <i>Elatine triandra</i>   | Native                            | 6                                 |
| Cyperaceae          | <i>Eleocharis acicularis</i>  | Native                            | 4                                 |
| <b>Cyperaceae</b>   | <b><i>Eleocharis atropurpurea</i></b>                                     | <b>Unknown /<br/>Undetermined</b> | <b>NA</b>                         |

| FAMILY NAME      | SCIENTIFIC NAME <sup>1</sup>   | ORIGIN                 | 2015/2016 C-VALUE <sup>3</sup> |
|------------------|--|------------------------|--------------------------------|
| Cyperaceae       | <i>Eleocharis bella</i>  | Native                 | 4                              |
| Cyperaceae       | <b><i>Eleocharis elliptica</i></b><br>syn. <i>Eleocharis tenuis</i>                                | Native                 | <b>6</b>                       |
| Cyperaceae       | <b><i>Eleocharis flavescens</i></b>  | Unknown / Undetermined | insuff. info.                  |
| Cyperaceae       | <i>Eleocharis ovata</i>  | Native                 | -                              |
| Cyperaceae       | <i>Eleocharis palustris</i>  | Native                 | 4                              |
| Cyperaceae       | <i>Eleocharis quinqueflora</i>   | Native                 | 7                              |
| Cyperaceae       | <i>Eleocharis rostellata</i>   | Native                 | 9                              |
| Cyperaceae       | <b><i>Eleocharis tenuis</i></b><br>syn. <i>Eleocharis elliptica</i>                                | Native                 | <b>6</b>                       |
| Poaceae          | <i>Eleusine indica</i>   | Exotic                 | 1                              |
| Hydrophyllaceae  | <i>Ellisia nyctelea</i>  | Native                 | -                              |
| Hydrocharitaceae | <i>Elodea bifoliata</i>  | Native                 | 8                              |
| Hydrocharitaceae | <i>Elodea canadensis</i>   | Native                 | 7                              |
| Hydrocharitaceae | <i>Elodea nuttallii</i>  | Native                 | 4                              |
| Poaceae          | <i>Elymus albicans</i>   | Native                 | -                              |
| Poaceae          | <i>Elymus angustus</i>   | Exotic                 | -                              |
| Poaceae          | <b><i>Elymus alaskanus</i></b>   |                        | <b>absent</b>                  |
| Poaceae          | <i>Elymus canadensis</i>   | Native                 | 5                              |
| Poaceae          | <i>Elymus cinereus</i><br><i>Leymus cinereus</i> <sup>2</sup>                                      | Native                 | 5                              |
| Poaceae          | <i>Elymus condensatus</i>  | Exotic                 | -                              |
| Poaceae          | <b><i>Elymus elymoides</i></b>   | Native                 | <b>3</b>                       |
| Poaceae          | <i>Elymus flavescens</i>   | Native                 | -                              |
| Poaceae          | <i>Elymus glaucus</i>  | Native                 | 5                              |
| Poaceae          | <i>Elymus hispidus</i>   | Exotic                 | 1                              |
| Poaceae          | <i>Elymus innovatus</i>  | Native                 | -                              |
| Poaceae          | <i>Elymus junceus</i>  | Exotic                 | 1                              |
| Poaceae          | <b><i>Elymus lanceolatus</i></b><br>syn. <i>Agropyron dasystachyum</i>                             | Native                 | <b>4</b>                       |
| Poaceae          | <i>Elymus repens</i><br>syn. <i>Agropyron repens</i>   | Exotic                 | 0                              |
| Poaceae          | <i>Elymus scribneri</i>  | Native                 | -                              |
| Poaceae          | <i>Elymus smithii</i><br>syn. <i>Agropyron smithii</i> ,<br><i>Pascopyrum smithii</i> <sup>2</sup> | Native                 | 3                              |
| Poaceae          | <i>Elymus spicatus</i>   | Native                 | -                              |
| Poaceae          | <i>Elymus submuticus</i>   | Native                 | 6                              |
| Poaceae          | <i>Elymus trachycaulus</i><br>syn. <i>Agropyron trachycaulum</i>                                   | Native                 | 5                              |
| Poaceae          | <i>Elymus triticoides</i><br><i>Leymus triticoides</i> <sup>2</sup>                                | Native                 | 3                              |
| Poaceae          | <b><i>Elymus virginicus</i></b>  | Native                 | <b>4</b>                       |
| Onagraceae       | <i>Epilobium anagallidifolium</i>  | Native                 | 5                              |
| Onagraceae       | <i>Epilobium brachycarpum</i><br>syn. <i>Epilobium paniculatum</i>                                 | Native                 | -                              |
| Onagraceae       | <i>Epilobium ciliatum</i>  | Native                 | 3                              |
| Onagraceae       | <i>Epilobium ciliatum</i> ssp. <i>ciliatum</i>   | Native                 | 3                              |
| Onagraceae       | <i>Epilobium ciliatum</i> ssp. <i>glandulosum</i>  | Native                 | -                              |
| Onagraceae       | <b><i>Epilobium clavatum</i></b>   | Native                 | <b>7</b>                       |
| Onagraceae       | <b><i>Epilobium densiflorum</i></b>  | Native                 | insuff. info.                  |
| Onagraceae       | <i>Epilobium glaberrimum</i>   | Native                 | 5                              |

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|--------------------|---|---------------|-----------------------------------|
| Onagraceae         | <i>Epilobium haleanum</i>                         | Native        | 4                                 |
| Onagraceae         | <i>Epilobium hornemannii</i>                      | Native        | 4                                 |
| Onagraceae         | <i>Epilobium lactiflorum</i>                      | Native        | 4                                 |
| <b>Onagraceae</b>  | <b><i>Epilobium leptocarpum</i></b>               | <b>Native</b> | <b>insuff. info.</b>              |
| <b>Onagraceae</b>  | <b><i>Epilobium minutum</i></b>                   | <b>Native</b> | <b>4</b>                          |
| Onagraceae         | <i>Epilobium oregonense</i>                       | Native        | 4                                 |
| Onagraceae         | <i>Epilobium palustre</i>                         | Native        | 7                                 |
| Onagraceae         | <i>Epilobium palustre</i> var. <i>gracile</i>     | Native        | -                                 |
| Onagraceae         | <i>Epilobium palustre</i> var. <i>palustre</i>    | Native        | -                                 |
| Onagraceae         | <i>Epilobium pygmaeum</i>                         | Native        | 4                                 |
| Onagraceae         | <i>Epilobium saximontanum</i>                     | Native        | 4                                 |
| <b>Onagraceae</b>  | <b><i>Epilobium suffruticosum</i></b>             | <b>Native</b> | <b>6</b>                          |
| Orchidaceae        | <i>Epipactis gigantea</i>                         | Native        | 8                                 |
| <b>Orchidaceae</b> | <b><i>Epipactis helleborine</i></b>               | <b>Exotic</b> | <b>1</b>                          |
| Equisetaceae       | <i>Equisetum X ferrissii</i> <sup>2</sup>         | Native        | NA                                |
| Equisetaceae       | <i>Equisetum X mackaii</i> <sup>2</sup>           |               | NA                                |
| Equisetaceae       | <i>Equisetum X nelsonii</i> <sup>2</sup>          |               | NA                                |
| Equisetaceae       | <i>Equisetum arvense</i>                          | Native        | 2                                 |
| Equisetaceae       | <i>Equisetum fluviatile</i>                       | Native        | 6                                 |
| Equisetaceae       | <i>Equisetum hyemale</i>                          | Native        | 3                                 |
| Equisetaceae       | <i>Equisetum laevigatum</i>                       | Native        | 4                                 |
| Equisetaceae       | <i>Equisetum palustre</i>                         | Native        | 6                                 |
| Equisetaceae       | <i>Equisetum pratense</i>                         | Native        | 6                                 |
| Equisetaceae       | <i>Equisetum scirpoideum</i>                      | Native        | 7                                 |
| Equisetaceae       | <i>Equisetum sylvaticum</i>                       | Native        | 5                                 |
| Equisetaceae       | <i>Equisetum variegatum</i>                       | Native        | 5                                 |
| Poaceae            | <i>Eragrostis ciliaris</i>                        | Exotic        | 1                                 |
| Poaceae            | <i>Eragrostis hypnoides</i>                       | Native        | 4                                 |
| Poaceae            | <i>Eragrostis minor</i>                           | Exotic        | 1                                 |
| Poaceae            | <i>Eragrostis pectinacea</i>                      | Native        | 4                                 |
| Poaceae            | <i>Eremopyrum triticeum</i>                       | Exotic        | 1                                 |
| Asteraceae         | <i>Ericameria discoidea</i>                       | Native        | -                                 |
| Asteraceae         | <i>Ericameria discoidea</i> var. <i>discoidea</i> | Native        | -                                 |
| Asteraceae         | <i>Ericameria discoidea</i> var. <i>linearis</i>  | Native        | -                                 |
| Asteraceae         | <i>Ericameria nana</i>                            | Native        | -                                 |
| Asteraceae         | <i>Ericameria nauseosa</i>                        | Native        | 2                                 |
| Asteraceae         | <i>Ericameria nauseosa</i> var. <i>graveolens</i> | Native        | -                                 |
| Asteraceae         | <i>Ericameria nauseosa</i> var. <i>nauseosa</i>   | Native        | -                                 |
| Asteraceae         | <i>Ericameria nauseosa</i> var. <i>oreophila</i>  | Native        | -                                 |
| Asteraceae         | <i>Ericameria nauseosa</i> var. <i>speciosa</i>   | Native        | -                                 |
| Asteraceae         | <i>Ericameria parryi</i> var. <i>montana</i>      | Native        | -                                 |
| Asteraceae         | <i>Ericameria suffruticosa</i>                    | Native        | -                                 |
| Asteraceae         | <i>Erigeron acris</i>                             | Native        | 5                                 |
| Asteraceae         | <i>Erigeron acris</i> ssp. <i>debilis</i>         | Native        | -                                 |
| Asteraceae         | <i>Erigeron acris</i> ssp. <i>kamtschaticus</i>   | Native        | -                                 |
| Asteraceae         | <i>Erigeron allocotus</i>                         | Native        | -                                 |
| Asteraceae         | <i>Erigeron asperugineus</i>                      | Native        | -                                 |
| Asteraceae         | <i>Erigeron caespitosus</i>                       | Native        | -                                 |
| Asteraceae         | <i>Erigeron compositus</i>                        | Native        | -                                 |
| Asteraceae         | <i>Erigeron corymbosus</i>                        | Native        | -                                 |
| Asteraceae         | <i>Erigeron coulteri</i>                          | Native        | 6                                 |
| Asteraceae         | <i>Erigeron divergens</i>                         | Native        | -                                 |
| Asteraceae         | <i>Erigeron eatonii</i>                           | Native        | -                                 |

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|---------------------|--|---------------------------|-----------------------------------|
| Asteraceae          | <i>Erigeron evermannii</i>                           | Native                    | -                                 |
| Asteraceae          | <i>Erigeron filifolius</i>                           | Native                    | -                                 |
| Asteraceae          | <i>Erigeron flabellifolius</i>                       | Native                    | -                                 |
| Asteraceae          | <i>Erigeron flagellaris</i>                          | Native                    | 3                                 |
| <b>Asteraceae</b>   | <b><i>Erigeron formosissimus</i></b>                 | <b>Native</b>             | <b>insuff. info.</b>              |
| Asteraceae          | <i>Erigeron glabellus</i>                            | Native                    | 4                                 |
| Asteraceae          | <i>Erigeron glabellus</i> var. <i>glabellus</i>      | Native                    | -                                 |
| Asteraceae          | <i>Erigeron glabellus</i> var. <i>pubescens</i>      | Native                    | -                                 |
| Asteraceae          | <i>Erigeron gracilis</i>                             | Native                    | 6                                 |
| Asteraceae          | <i>Erigeron grandiflorus</i>                         | Native                    | -                                 |
| Asteraceae          | <i>Erigeron humilis</i>                              | Native                    | 8                                 |
| Asteraceae          | <i>Erigeron lackschewitzii</i>                       | Native                    | -                                 |
| <b>Asteraceae</b>   | <b><i>Erigeron lanatus</i></b>                       | <b>Native</b>             | <b>9</b>                          |
| Asteraceae          | <i>Erigeron leiomerus</i>                            | Native                    | -                                 |
| Asteraceae          | <i>Erigeron linearis</i>                             | Native                    | -                                 |
| Asteraceae          | <i>Erigeron lonchophyllus</i>                        | Native                    | 4                                 |
| Asteraceae          | <i>Erigeron ochroleucus</i>                          | Native                    | -                                 |
| Asteraceae          | <i>Erigeron ochroleucus</i> var. <i>ochroleucus</i>  | Native                    | -                                 |
| Asteraceae          | <i>Erigeron ochroleucus</i> var. <i>scribneri</i>    | Native                    | -                                 |
| Asteraceae          | <i>Erigeron parryi</i>                               | Native                    | -                                 |
| Asteraceae          | <i>Erigeron peregrinus</i>                           | Native                    | 7                                 |
| Asteraceae          | <i>Erigeron philadelphicus</i>                       | Native                    | 3                                 |
| Asteraceae          | <i>Erigeron pumilus</i>                              | Native                    | -                                 |
| Asteraceae          | <i>Erigeron radicatus</i>                            | Native                    | -                                 |
| Asteraceae          | <i>Erigeron rydbergii</i>                            | Native                    | -                                 |
| Asteraceae          | <i>Erigeron simplex</i>                              | Native                    | -                                 |
| Asteraceae          | <i>Erigeron speciosus</i>                            | Native                    | -                                 |
| <b>Asteraceae</b>   | <b><i>Erigeron strigosus</i></b>                     | <b>Native</b>             | <b>3</b>                          |
| Asteraceae          | <i>Erigeron subtrinervis</i>                         | Native                    | -                                 |
| Asteraceae          | <i>Erigeron tener</i>                                | Native                    | -                                 |
| Asteraceae          | <i>Erigeron tweedyi</i>                              | Native                    | -                                 |
| Asteraceae          | <i>Erigeron ursinus</i>                              | Native                    | -                                 |
| Polygonaceae        | <i>Eriogonum androsaceum</i>                         | Native                    | -                                 |
| Polygonaceae        | <i>Eriogonum annuum</i>                              | Native                    | -                                 |
| Polygonaceae        | <i>Eriogonum brevicaule</i> var. <i>canum</i>        | Native                    | -                                 |
| Polygonaceae        | <i>Eriogonum caespitosum</i>                         | Native                    | -                                 |
| Polygonaceae        | <i>Eriogonum cernuum</i>                             | Native                    | -                                 |
| Polygonaceae        | <i>Eriogonum crosbyae</i>                            | Native                    | -                                 |
| Polygonaceae        | <i>Eriogonum effusum</i>                             | Unknown /<br>Undetermined | -                                 |
| Polygonaceae        | <i>Eriogonum flavum</i>                              | Native                    | -                                 |
| Polygonaceae        | <i>Eriogonum flavum</i> var. <i>flavum</i>           | Native                    | -                                 |
| Polygonaceae        | <i>Eriogonum flavum</i> var. <i>piperi</i>           | Native                    | -                                 |
| Polygonaceae        | <i>Eriogonum heracleoides</i>                        | Native                    | -                                 |
| Polygonaceae        | <i>Eriogonum mancum</i>                              | Native                    | -                                 |
| Polygonaceae        | <i>Eriogonum microthecum</i>                         | Native                    | -                                 |
| Polygonaceae        | <i>Eriogonum microthecum</i> var. <i>laxiflorum</i>  | Native                    | -                                 |
| Polygonaceae        | <i>Eriogonum microthecum</i> var. <i>simpsonii</i>   | Native                    | -                                 |
| <b>Polygonaceae</b> | <b><i>Eriogonum ovalifolium</i></b>                  | <b>Native</b>             | <b>4</b>                          |
| Polygonaceae        | <i>Eriogonum ovalifolium</i> var. <i>depressum</i>   | Native                    | -                                 |
| Polygonaceae        | <i>Eriogonum ovalifolium</i> var. <i>ochroleucum</i> | Native                    | -                                 |
| Polygonaceae        | <i>Eriogonum ovalifolium</i> var. <i>ovalifolium</i> | Native                    | -                                 |
| Polygonaceae        | <i>Eriogonum ovalifolium</i> var. <i>pansum</i>      | Native                    | -                                 |

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|----------------------|--|---------------------------|-----------------------------------|
| Polygonaceae         | <i>Eriogonum ovalifolium</i> var. <i>purpureum</i>       | Native                    | -                                 |
| Polygonaceae         | <i>Eriogonum pauciflorum</i>                             | Native                    | -                                 |
| Polygonaceae         | <i>Eriogonum pyrolifolium</i>                            | Native                    | -                                 |
| Polygonaceae         | <i>Eriogonum salsuginosum</i>                            | Native                    | -                                 |
| Polygonaceae         | <i>Eriogonum soliceps</i>                                | Native                    | -                                 |
| Polygonaceae         | <i>Eriogonum strictum</i>                                | Native                    | -                                 |
| Polygonaceae         | <i>Eriogonum umbellatum</i>                              | Native                    | -                                 |
| Polygonaceae         | <i>Eriogonum umbellatum</i> var. <i>aureum</i>           | Native                    | -                                 |
| Polygonaceae         | <i>Eriogonum umbellatum</i> var. <i>deserticum</i>       | Native                    | -                                 |
| Polygonaceae         | <i>Eriogonum umbellatum</i> var. <i>dichrocephalum</i>   | Native                    | -                                 |
| Polygonaceae         | <i>Eriogonum umbellatum</i> var. <i>ellipticum</i>       | Native                    | -                                 |
| Polygonaceae         | <i>Eriogonum umbellatum</i> var. <i>majus</i>            | Native                    | -                                 |
| Polygonaceae         | <i>Eriogonum umbellatum</i> var. <i>umbellatum</i>       | Native                    | -                                 |
| Polygonaceae         | <i>Eriogonum visherri</i>                                | Native                    | -                                 |
| Cyperaceae           | <i>Eriophorum angustifolium</i>                          | Native                    | 9                                 |
| Cyperaceae           | <i>Eriophorum callitrix</i>                              | Native                    | 10                                |
| Cyperaceae           | <i>Eriophorum chamissonis</i>                            | Native                    | 9                                 |
| Cyperaceae           | <i>Eriophorum gracile</i>                                | Native                    | 10                                |
| Cyperaceae           | <i>Eriophorum scheuchzeri</i>                            | Unknown /<br>Undetermined | 10                                |
| Cyperaceae           | <i>Eriophorum viridicarinatum</i>                        | Native                    | 10                                |
| Asteraceae           | <i>Eriophyllum lanatum</i>                               | Native                    | -                                 |
| Asteraceae           | <i>Eriophyllum lanatum</i> var. <i>integifolium</i>      | Native                    | -                                 |
| Asteraceae           | <i>Eriophyllum lanatum</i> var. <i>lanatum</i>           | Native                    | -                                 |
| Boraginaceae         | <i>Eritrichium howardii</i>                              | Native                    | -                                 |
| Boraginaceae         | <i>Eritrichium nanum</i>                                 | Native                    | -                                 |
| Geraniaceae          | <i>Erodium cicutarium</i>                                | Exotic                    | 0                                 |
| Brassicaceae         | <i>Eruca vesicaria</i>                                   | Exotic                    | 1                                 |
| Brassicaceae         | <i>Erucastrum gallicum</i>                               | Exotic                    | 1                                 |
| Brassicaceae         | <i>Erysimum asperum</i>                                  | Native                    | -                                 |
| Brassicaceae         | <i>Erysimum capitatum</i>                                | Native                    | -                                 |
| Brassicaceae         | <i>Erysimum cheiranthoides</i>                           | Native                    | -                                 |
| Brassicaceae         | <i>Erysimum inconspicuum</i>                             | Native                    | -                                 |
| Brassicaceae         | <i>Erysimum repandum</i>                                 | Exotic                    | 1                                 |
| Liliaceae            | <i>Erythronium grandiflorum</i>                          | Native                    | -                                 |
| Liliaceae            | <i>Erythronium grandiflorum</i> var. <i>candidum</i>     | Native                    | -                                 |
| Liliaceae            | <i>Erythronium grandiflorum</i> var. <i>grandiflorum</i> | Native                    | -                                 |
| Asteraceae           | <i>Eucephalus elegans</i>                                | Native                    | -                                 |
| Asteraceae           | <i>Eucephalus engelmannii</i>                            | Native                    | -                                 |
| Asteraceae           | <i>Eupatorium maculatum</i>                              | Native                    | 5                                 |
| Euphorbiaceae        | <i>Euphorbia agraria</i>                                 | Exotic                    | 1                                 |
| Euphorbiaceae        | <i>Euphorbia brachycera</i>                              | Native                    | -                                 |
| Euphorbiaceae        | <i>Euphorbia cyparissias</i>                             | Exotic                    | 1                                 |
| Euphorbiaceae        | <i>Euphorbia esula</i>                                   | Exotic                    | 0                                 |
| Euphorbiaceae        | <i>Euphorbia geyeri</i>                                  | Native                    | -                                 |
| Euphorbiaceae        | <i>Euphorbia glyptosperma</i>                            | Native                    | -                                 |
| Euphorbiaceae        | <i>Euphorbia helioscopia</i>                             | Exotic                    | 1                                 |
| Euphorbiaceae        | <i>Euphorbia hexagona</i>                                | Unknown /<br>Undetermined | -                                 |
| <b>Euphorbiaceae</b> | <b><i>Euphorbia marginata</i></b>                        | <b>Native</b>             | <b>3</b>                          |
| Euphorbiaceae        | <i>Euphorbia missurica</i>                               | Native                    | -                                 |
| Euphorbiaceae        | <i>Euphorbia oblongata</i>                               | Exotic                    | 0                                 |
| Euphorbiaceae        | <i>Euphorbia peplus</i>                                  | Exotic                    | 1                                 |

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|-------------------|--|------------------------|--------------------------------|
| Euphorbiaceae     | <i>Euphorbia serpens</i>                           | Native                 | 3                              |
| Euphorbiaceae     | <i>Euphorbia serpyllifolia</i>                     | Native                 | -                              |
| Euphorbiaceae     | <i>Euphorbia spathulata</i>                        | Native                 | 3                              |
| Euphorbiaceae     | <i>Euphorbia supina</i>                            | Exotic                 | 1                              |
| Orobanchaceae     | <i>Euphrasia subarctica</i>                        | Native                 | -                              |
| Asteraceae        | <i>Eurybia conspicua</i>                           | Native                 | -                              |
| Asteraceae        | <i>Eurybia glauca</i>                              | Native                 | -                              |
| Asteraceae        | <i>Eurybia integrifolia</i>                        | Native                 | -                              |
| <b>Asteraceae</b> | <b><i>Eurybia merita</i></b>                       | <b>Native</b>          | <b>4</b>                       |
| Asteraceae        | <i>Eurybia sibirica</i>                            | Native                 | 5                              |
| Gentianaceae      | <i>Eustoma grandiflorum</i>                        | Unknown / Undetermined | -                              |
| Asteraceae        | <i>Euthamia graminifolia</i>                       | Unknown / Undetermined | 7                              |
| Asteraceae        | <i>Euthamia occidentalis</i>                       | Native                 | 7                              |
| Brassicaceae      | <i>Eutrema salsugineum</i>                         | Unknown / Undetermined | -                              |
| Asteraceae        | <i>Evax prolifera</i>                              | Unknown / Undetermined | -                              |
| Convolvulaceae    | <i>Evolvulus nuttallianus</i>                      | Native                 | -                              |
| Poaceae           | <i>Festuca baffinensis</i>                         | Native                 | -                              |
| Poaceae           | <i>Festuca brachyphylla</i>                        | Native                 | -                              |
| Poaceae           | <i>Festuca campestris</i>                          | Native                 | -                              |
| Poaceae           | <i>Festuca hallii</i>                              | Native                 | -                              |
| Poaceae           | <i>Festuca idahoensis</i>                          | Native                 | 4                              |
| Poaceae           | <i>Festuca minutiflora</i>                         | Native                 | -                              |
| Poaceae           | <i>Festuca occidentalis</i>                        | Native                 | -                              |
| Poaceae           | <i>Festuca ovina</i>                               | Exotic                 | 1                              |
| Poaceae           | <i>Festuca rubra</i>                               | Native/Naturalized     | 1                              |
| Poaceae           | <i>Festuca saximontana</i>                         | Native                 | -                              |
| Poaceae           | <i>Festuca subulata</i>                            | Native                 | 7                              |
| Poaceae           | <i>Festuca viridula</i>                            | Native                 | -                              |
| Poaceae           | <i>Festuca viviparoidea</i>                        | Native                 | -                              |
| Asteraceae        | <i>Filago arvensis</i>                             | Exotic                 | 0                              |
| Limnanthaceae     | <i>Floerkea proserpinacoides</i>                   | Native                 | 4                              |
| <b>Rosaceae</b>   | <b><i>Fragaria vesca</i></b>                       | <b>Native</b>          | <b>4</b>                       |
| Rosaceae          | <i>Fragaria virginiana</i>                         | Native                 | 3                              |
| Rosaceae          | <i>Fragaria virginiana</i> ssp. <i>glauca</i>      | Native                 | -                              |
| Rosaceae          | <i>Fragaria virginiana</i> var. <i>platypetala</i> | Native                 | -                              |
| Rhamnaceae        | <i>Frangula purshiana</i>                          | Native                 | 6                              |
| Gentianaceae      | <i>Frasera albicaulis</i>                          | Native                 | -                              |
| Gentianaceae      | <i>Frasera speciosa</i>                            | Native                 | -                              |
| Oleaceae          | <i>Fraxinus pennsylvanica</i>                      | Native                 | 4                              |
| Liliaceae         | <i>Fritillaria atropurpurea</i>                    | Native                 | -                              |
| Liliaceae         | <i>Fritillaria pudica</i>                          | Native                 | -                              |
| Fumariaceae       | <i>Fumaria officinalis</i>                         | Exotic                 | 1                              |
| Fumariaceae       | <i>Fumaria vaillantii</i>                          | Exotic                 | 1                              |
| Asteraceae        | <i>Gaillardia aristata</i>                         | Native                 | -                              |
| Lamiaceae         | <i>Galeopsis tetrahit</i>                          | Exotic                 | 1                              |
| Asteraceae        | <i>Galinsoga quadriradiata</i>                     | Exotic                 | 1                              |
| <b>Rubiaceae</b>  | <b><i>Galium aparine</i></b>                       | <b>Native</b>          | <b>3</b>                       |
| Rubiaceae         | <i>Galium bifolium</i>                             | Native                 | -                              |
| Rubiaceae         | <i>Galium boreale</i>                              | Native                 | 4                              |

| FAMILY NAME     | SCIENTIFIC NAME <sup>1</sup>                     | ORIGIN                 | 2015/2016 C-VALUE <sup>3</sup> |
|-----------------|--|------------------------|--------------------------------|
| Rubiaceae       | <i>Galium mexicanum</i>                          | Native                 | 2                              |
| Rubiaceae       | <i>Galium mollugo</i>                            | Exotic                 | 1                              |
| Rubiaceae       | <i>Galium palustre</i>                           | Unknown / Undetermined | 5                              |
| Rubiaceae       | <i>Galium pedemontanum</i>                       | Exotic                 | 1                              |
| Rubiaceae       | <i>Galium trifidum</i>                           | Native                 | 6                              |
| Rubiaceae       | <i>Galium trifidum ssp. columbianum</i>          | Native                 | -                              |
| Rubiaceae       | <i>Galium trifidum ssp. subbiflorum</i>          | Native                 | -                              |
| Rubiaceae       | <i>Galium trifidum ssp. trifidum</i>             | Native                 | -                              |
| Rubiaceae       | <i>Galium triflorum</i>                          | Native                 | 6                              |
| Rubiaceae       | <i>Galium verum</i>                              | Exotic                 | 1                              |
| Ericaceae       | <i>Gaultheria humifusa</i>                       | Native                 | 8                              |
| Ericaceae       | <i>Gaultheria ovatifolia</i>                     | Native                 | 8                              |
| Onagraceae      | <i>Gaura coccinea</i>                            | Native                 | -                              |
| Onagraceae      | <i>Gaura parviflora</i>                          | Native                 | -                              |
| Onagraceae      | <i>Gayophytum decipiens</i>                      | Native                 | -                              |
| Onagraceae      | <i>Gayophytum diffusum</i>                       | Native                 | -                              |
| Onagraceae      | <i>Gayophytum humile</i>                         | Unknown / Undetermined | -                              |
| Onagraceae      | <i>Gayophytum racemosum</i>                      | Native                 | 4                              |
| Onagraceae      | <i>Gayophytum ramosissimum</i>                   | Native                 | -                              |
| Gentianaceae    | <i>Gentiana affinis</i>                          | Native                 | 6                              |
| Gentianaceae    | <i>Gentiana algida</i>                           | Native                 | 9                              |
| Gentianaceae    | <i>Gentiana calycosa</i>                         | Native                 | 7                              |
| Gentianaceae    | <i>Gentiana fremontii</i>                        | Native                 | 7                              |
| Gentianaceae    | <i>Gentiana glauca</i>                           | Native                 | 10                             |
| Gentianaceae    | <i>Gentiana prostrata</i>                        | Native                 | 6                              |
| Gentianaceae    | <i>Gentianella amarella</i>                      | Native                 | 3                              |
| Gentianaceae    | <i>Gentianella propinqua</i>                     | Native                 | 10                             |
| Gentianaceae    | <i>Gentianella tenella</i>                       | Native                 | 6                              |
| Gentianaceae    | <i>Gentianopsis macounii</i>                     | Native                 | -                              |
| Gentianaceae    | <i>Gentianopsis simplex</i>                      | Native                 | 9                              |
| Gentianaceae    | <i>Gentianopsis thermalis</i>                    | Native                 | 8                              |
| Santalaceae     | <i>Geocaulon lividum</i>                         | Native                 | 7                              |
| Geraniaceae     | <i>Geranium bicknellii</i>                       | Native                 | -                              |
| Geraniaceae     | <i>Geranium carolinianum</i>                     | Unknown / Undetermined | -                              |
| Geraniaceae     | <i>Geranium molle</i>                            | Exotic                 | 1                              |
| Geraniaceae     | <i>Geranium pusillum</i>                         | Exotic                 | 1                              |
| Geraniaceae     | <i>Geranium richardsonii</i>                     | Native                 | 5                              |
| Geraniaceae     | <i>Geranium robertianum</i>                      | Exotic                 | 1                              |
| Geraniaceae     | <i>Geranium viscosissimum</i>                    | Native                 | 4                              |
| Geraniaceae     | <i>Geranium viscosissimum var. incisum</i>       | Native                 | -                              |
| Geraniaceae     | <i>Geranium viscosissimum var. viscosissimum</i> | Native                 | -                              |
| Rosaceae        | <i>Geum aleppicum</i>                            | Native                 | 6                              |
| Rosaceae        | <i>Geum canadense</i>                            | Native                 | 6                              |
| Rosaceae        | <i>Geum macrophyllum</i>                         | Native                 | 5                              |
| Rosaceae        | <i>Geum rivale</i>                               | Native                 | 7                              |
| Rosaceae        | <i>Geum rossii</i>                               | Native                 | -                              |
| Rosaceae        | <i>Geum rossii var. rossii</i>                   | Native                 | -                              |
| Rosaceae        | <i>Geum rossii var. turbinatum</i>               | Native                 | -                              |
| <b>Rosaceae</b> | <b><i>Geum triflorum</i></b>                     | <b>Native</b>          | <b>3</b>                       |
| Polemoniaceae   | <i>Gilia leptomeria</i>                          | Native                 | -                              |

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|----------------------|--|------------------------|--------------------------------|
| Polemoniaceae        | <i>Gilia tenerima</i>                  | Native                 | -                              |
| Polemoniaceae        | <i>Gilia tweedyi</i>                   | Native                 | -                              |
| <b>Campanulaceae</b> | <b><i>Githopsis specularioides</i></b> | <b>Native</b>          | <b>insuff. info.</b>           |
| Papaveraceae         | <i>Glaucium corniculatum</i>           | Exotic                 | 1                              |
| Myrsinaceae          | <i>Glaux maritima</i>                  | Native                 | 5                              |
| Lamiaceae            | <i>Glechoma hederacea</i>              | Exotic                 | 1                              |
| Crossosomataceae     | <i>Glossopetalon spinescens</i>        | Native                 | -                              |
| Poaceae              | <i>Glyceria borealis</i>               | Native                 | 6                              |
| Poaceae              | <i>Glyceria elata</i>                  | Native                 | 6                              |
| Poaceae              | <i>Glyceria grandis</i>                | Native                 | 7                              |
| Poaceae              | <i>Glyceria striata</i>                | Native                 | 6                              |
| Fabaceae             | <i>Glycyrrhiza lepidota</i>            | Native                 | 3                              |
| Asteraceae           | <i>Gnaphalium macounii</i>             | Native                 | -                              |
| Asteraceae           | <i>Gnaphalium microcephalum</i>        | Native                 | -                              |
| Asteraceae           | <i>Gnaphalium palustre</i>             | Native                 | 3                              |
| Asteraceae           | <i>Gnaphalium purpureum</i>            | Unknown / Undetermined | -                              |
| Asteraceae           | <i>Gnaphalium stramineum</i>           | Native                 | 3                              |
| Asteraceae           | <i>Gnaphalium uliginosum</i>           | Exotic                 | 1                              |
| <b>Orchidaceae</b>   | <b><i>Goodyera oblongifolia</i></b>    | <b>Native</b>          | <b>5</b>                       |
| <b>Orchidaceae</b>   | <b><i>Goodyera repens</i></b>          | <b>Native</b>          | <b>6</b>                       |
| Plantaginaceae       | <i>Gratiola ebracteata</i>             | Native                 | 8                              |
| Plantaginaceae       | <i>Gratiola neglecta</i>               | Native                 | 8                              |
| Amaranthaceae        | <i>Grayia spinosa</i>                  | Native                 | -                              |
| Asteraceae           | <i>Grindelia howellii</i>              | Native                 | 2                              |
| Asteraceae           | <i>Grindelia nana</i>                  | Native                 | 3                              |
| Asteraceae           | <i>Grindelia squarrosa</i>             | Native                 | 2                              |
| Asteraceae           | <i>Gutierrezia sarothrae</i>           | Native                 | -                              |
| Dryopteridaceae      | <i>Gymnocarpium dryopteris</i>         | Native                 | 7                              |
| Polemoniaceae        | <i>Gymnosteris parvula</i>             | Native                 | 3                              |
| Caryophyllaceae      | <i>Gypsophila paniculata</i>           | Exotic                 | 0                              |
| Caryophyllaceae      | <i>Gypsophila scorzonerifolia</i>      | Exotic                 | 0                              |
| Boraginaceae         | <i>Hackelia cinerea</i>                | Native                 | -                              |
| Boraginaceae         | <i>Hackelia deflexa</i>                | Native                 | -                              |
| <b>Boraginaceae</b>  | <b><i>Hackelia floribunda</i></b>      | <b>Native</b>          | <b>4</b>                       |
| <b>Boraginaceae</b>  | <b><i>Hackelia micrantha</i></b>       | <b>Native</b>          | <b>4</b>                       |
| Boraginaceae         | <i>Hackelia patens</i>                 | Native                 | -                              |
| Gentianaceae         | <i>Halenia deflexa</i>                 | Native                 | 4                              |
| Amaranthaceae        | <i>Halogeton glomeratus</i>            | Exotic                 | 0                              |
| Lamiaceae            | <i>Hedeoma drummondii</i>              | Native                 | -                              |
| Lamiaceae            | <i>Hedeoma hispida</i>                 | Native                 | -                              |
| <b>Fabaceae</b>      | <b><i>Hedysarum alpinum</i></b>        | <b>Native</b>          | <b>6</b>                       |
| Fabaceae             | <i>Hedysarum boreale</i>               | Native                 | -                              |
| Fabaceae             | <i>Hedysarum occidentale</i>           | Native                 | -                              |
| Fabaceae             | <i>Hedysarum sulphurescens</i>         | Native                 | -                              |
| Asteraceae           | <i>Helenium autumnale</i>              | Native                 | 6                              |
| Asteraceae           | <i>Helenium hoopesii</i>               | Unknown / Undetermined | -                              |
| Asteraceae           | <i>Helianthella quinquenervis</i>      | Native                 | 4                              |
| Asteraceae           | <i>Helianthella uniflora</i>           | Native                 | -                              |
| <b>Asteraceae</b>    | <b><i>Helianthus annuus</i></b>        | <b>Native</b>          | <b>2</b>                       |
| <b>Asteraceae</b>    | <b><i>Helianthus maximiliani</i></b>   | <b>Native</b>          | <b>4</b>                       |
| Asteraceae           | <i>Helianthus nuttallii</i>            | Native                 | 7                              |

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|------------------------|--|------------------------|--------------------------------|
| Asteraceae             | <i>Helianthus pauciflorus</i>  | Native                 | -                              |
| Asteraceae             | <i>Helianthus petiolaris</i>   | Native                 | -                              |
| Asteraceae             | <i>Helianthus pumilus</i>  | Unknown / Undetermined | -                              |
| Asteraceae             | <i>Helianthus x laetiflorus</i>  | Unknown / Undetermined | -                              |
| Poaceae                | <i>Helictotrichon hookeri</i>  | Native                 | -                              |
| Boraginaceae           | <i>Heliotropium curassavicum</i>                                       | Native                 | 5                              |
| <b>Asteraceae</b>      | <b><i>Helminthotheca echioides</i></b>                                 | <b>Exotic</b>          | <b>1</b>                       |
| Liliaceae              | <i>Hemerocallis fulva</i>  | Exotic                 | 1                              |
| Apiaceae               | <i>Heracleum lanatum</i><br>syn. <i>Heracleum maximum</i> <sup>2</sup> | Native                 | 5                              |
| Brassicaceae           | <i>Hesperis matronalis</i>   | Exotic                 | 0                              |
| <b>Hydrophyllaceae</b> | <b><i>Hesperochiron californicus</i></b>                               | <b>Native</b>          | <b>6</b>                       |
| Hydrophyllaceae        | <i>Hesperochiron pumilus</i>   | Native                 | 9                              |
| Pontederiaceae         | <i>Heteranthera dubia</i>  | Native                 | 7                              |
| Campanulaceae          | <i>Heterocodon rariflorum</i>  | Native                 | 7                              |
| Asteraceae             | <i>Heterotheca villosa</i>   | Native                 | -                              |
| Asteraceae             | <i>Heterotheca villosa</i> var. <i>depressa</i>                        | Unknown / Undetermined | -                              |
| Asteraceae             | <i>Heterotheca villosa</i> var. <i>foliosa</i>                         | Native                 | -                              |
| Asteraceae             | <i>Heterotheca villosa</i> var. <i>minor</i>                           | Native                 | -                              |
| Asteraceae             | <i>Heterotheca villosa</i> var. <i>villosa</i>                         | Native                 | -                              |
| Saxifragaceae          | <i>Heuchera cylindrica</i>   | Native                 | -                              |
| Saxifragaceae          | <i>Heuchera cylindrica</i> var. <i>cylindrica</i>                      | Native                 | -                              |
| Saxifragaceae          | <i>Heuchera cylindrica</i> var. <i>gabella</i>                         | Native                 | -                              |
| Saxifragaceae          | <i>Heuchera grossularifolia</i>  | Native                 | -                              |
| Saxifragaceae          | <i>Heuchera parvifolia</i>   | Native                 | -                              |
| <b>Saxifragaceae</b>   | <b><i>Heuchera richardsonii</i></b>                                    | <b>Native</b>          | <b>4</b>                       |
| Malvaceae              | <i>Hibiscus trionum</i>  | Exotic                 | 1                              |
| Asteraceae             | <i>Hieracium albiflorum</i>  | Native                 | -                              |
| Asteraceae             | <i>Hieracium aurantiacum</i>   | Exotic                 | 0                              |
| Asteraceae             | <i>Hieracium caespitosum</i>   | Exotic                 | 0                              |
| Asteraceae             | <i>Hieracium gracile</i>   | Native                 | -                              |
| Asteraceae             | <i>Hieracium praealtum</i>   | Exotic                 | 0                              |
| Asteraceae             | <i>Hieracium scouleri</i>  | Native                 | -                              |
| Asteraceae             | <i>Hieracium scouleri</i> var. <i>albertinum</i>                       | Native                 | -                              |
| Asteraceae             | <i>Hieracium scouleri</i> var. <i>griseum</i>                          | Native                 | -                              |
| Asteraceae             | <i>Hieracium scouleri</i> var. <i>scouleri</i>                         | Native                 | -                              |
| Asteraceae             | <i>Hieracium umbellatum</i>  | Native                 | -                              |
| Hippuridaceae          | <i>Hippuris vulgaris</i>   | Native                 | 6                              |
| Poaceae                | <i>Holcus lanatus</i>  | Exotic                 | 1                              |
| <b>Rosaceae</b>        | <b><i>Holodiscus discolor</i></b>                                      | <b>Native</b>          | <b>4</b>                       |
| Caryophyllaceae        | <i>Holosteum umbellatum</i>  | Exotic                 | 0                              |
| Poaceae                | <i>Hordeum brachyantherum</i>  | Native                 | 5                              |
| Poaceae                | <i>Hordeum jubatum</i>   | Native                 | 2                              |
| Poaceae                | <i>Hordeum marinum</i>   | Exotic                 | 1                              |
| Poaceae                | <i>Hordeum murinum</i>   | Exotic                 | 0                              |
| <b>Poaceae</b>         | <b><i>Hordeum pusillum</i></b>   | <b>Native</b>          | <b>3</b>                       |
| Poaceae                | <i>Hordeum vulgare</i>   | Exotic                 | 1                              |
| Rosaceae               | <i>Horkelia fusca</i>  | Native                 | -                              |
| Brassicaceae           | <i>Hornungia procumbens</i>  | Native                 | 4                              |
| Campanulaceae          | <i>Howellia aquatilis</i>  | Native                 | 9                              |

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|----------------------|---|------------------------|--------------------------------|
| Asteraceae           | <i>Hulsea algida</i>                                    | Native                 | -                              |
| Cannabaceae          | <i>Humulus lupulus</i>                                  | Exotic                 | 1                              |
| <b>Lycopodiaceae</b> | <b><i>Huperzia haleakalae</i></b>                       | <b>Native</b>          | <b>insuff. info.</b>           |
| Lycopodiaceae        | <i>Huperzia miyoshiana</i>                              | Native                 | -                              |
| Lycopodiaceae        | <i>Huperzia occidentalis</i>                            | Native                 | -                              |
| Hydrophyllaceae      | <i>Hydrophyllum capitatum</i>                           | Native                 | -                              |
| Asteraceae           | <i>Hymenopappus filifolius</i>                          | Native                 | -                              |
| Asteraceae           | <i>Hymenopappus filifolius</i> var. <i>luteus</i>       | Native                 | -                              |
| Asteraceae           | <i>Hymenopappus filifolius</i> var. <i>polycephalus</i> | Native                 | -                              |
| Asteraceae           | <i>Hymenoxyss acaulis</i>                               | Native                 | -                              |
| Asteraceae           | <i>Hymenoxyss grandiflora</i>                           | Native                 | -                              |
| Asteraceae           | <i>Hymenoxyss richardsonii</i>                          | Native                 | -                              |
| Asteraceae           | <i>Hymenoxyss torreyana</i>                             | Native                 | -                              |
| Solanaceae           | <i>Hyoscyamus niger</i>                                 | Exotic                 | 0                              |
| Clusiaceae           | <i>Hypericum anagalloides</i>                           | Native                 | 7                              |
| Clusiaceae           | <i>Hypericum majus</i>                                  | Native                 | 8                              |
| Clusiaceae           | <i>Hypericum perforatum</i>                             | Exotic                 | 0                              |
| Clusiaceae           | <i>Hypericum scouleri</i>                               | Native                 | 7                              |
| Clusiaceae           | <i>Hypericum scouleri</i> ssp. <i>nortoniae</i>         | Native                 | -                              |
| Clusiaceae           | <i>Hypericum scouleri</i> ssp. <i>scouleri</i>          | Native                 | -                              |
| Asteraceae           | <i>Hypochaeris radicata</i>                             | Exotic                 | 1                              |
| Lamiaceae            | <i>Hyssopus officinalis</i>                             | Exotic                 | 1                              |
| Brassicaceae         | <i>Idahoa scapigera</i>                                 | Native                 | -                              |
| Malvaceae            | <i>Iliamna rivularis</i>                                | Native                 | 3                              |
| Balsaminaceae        | <i>Impatiens aurella</i>                                | Native                 | 3                              |
| Balsaminaceae        | <i>Impatiens ecalcarata</i>                             | Native                 | 3                              |
| Asteraceae           | <i>Ionactis alpina</i>                                  | Native                 | -                              |
| Asteraceae           | <i>Ionactis stenomeres</i>                              | Native                 | -                              |
| Convolvulaceae       | <i>Ipomoea leptophylla</i>                              | Native                 | -                              |
| Polemoniaceae        | <i>Ipomopsis aggregata</i>                              | Native                 | -                              |
| Polemoniaceae        | <i>Ipomopsis congesta</i>                               | Native                 | -                              |
| Polemoniaceae        | <i>Ipomopsis congesta</i> ssp. <i>congesta</i>          | Native                 | -                              |
| Polemoniaceae        | <i>Ipomopsis congesta</i> ssp. <i>crebrifolia</i>       | Native                 | -                              |
| Polemoniaceae        | <i>Ipomopsis congesta</i> ssp. <i>pseudotypica</i>      | Native                 | -                              |
| Polemoniaceae        | <i>Ipomopsis minutiflora</i>                            | Native                 | -                              |
| Polemoniaceae        | <i>Ipomopsis pumila</i>                                 | Native                 | -                              |
| Polemoniaceae        | <i>Ipomopsis spicata</i>                                | Native                 | -                              |
| Polemoniaceae        | <i>Ipomopsis spicata</i> ssp. <i>orchidacea</i>         | Native                 | -                              |
| Polemoniaceae        | <i>Ipomopsis spicata</i> ssp. <i>spicata</i>            | Native                 | -                              |
| Iridaceae            | <i>Iris missouriensis</i>                               | Native                 | 3                              |
| Iridaceae            | <i>Iris pseudacorus</i>                                 | Exotic                 | 0                              |
| Brassicaceae         | <i>Isatis tinctoria</i>                                 | Exotic                 | 0                              |
| Isoetaceae           | <i>Isoetes bolanderi</i>                                | Native                 | 7                              |
| Isoetaceae           | <i>Isoetes echinospora</i>                              | Native                 | 9                              |
| Isoetaceae           | <i>Isoetes howellii</i>                                 | Native                 | 8                              |
| <b>Isoetaceae</b>    | <b><i>Isoetes melanopoda</i><sup>2</sup></b>            |                        | <b>absent</b>                  |
| <b>Isoetaceae</b>    | <b><i>Isoetes nuttallii</i><sup>2</sup></b>             |                        | <b>absent</b>                  |
| Isoetaceae           | <i>Isoetes occidentalis</i>                             | Native                 | 9                              |
| Asteraceae           | <i>Iva axillaris</i>                                    | Native                 | 3                              |
| Asteraceae           | <i>Iva xanthifolia</i>                                  | Unknown / Undetermined | 3                              |
| Rosaceae             | <i>Ivesia gordonii</i>                                  | Native                 | -                              |

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|--------------|---|------------------------|--------------------------------|
| Rosaceae     | <i>Ivesia tweedyi</i>   | Unknown / Undetermined | -                              |
| Juncaceae    | <i>Juncus acuminatus</i>  | Native                 | 5                              |
| Juncaceae    | <i>Juncus alpinoarticulatus</i>                                     | Native                 | 7                              |
| Juncaceae    | <i>Juncus articulatus</i>   | Native                 | 7                              |
| Juncaceae    | <i>Juncus balticus</i>  | Native                 | 3                              |
| Juncaceae    | <i>Juncus biglumis</i>  | Native                 | 9                              |
| Juncaceae    | <b><i>Juncus brachyphyllus</i></b>                                  | Unknown / Undetermined | NA                             |
| Juncaceae    | <i>Juncus bufonius</i>  | Native                 | 1                              |
| Juncaceae    | <i>Juncus castaneus</i>   | Native                 | 9                              |
| Juncaceae    | <i>Juncus compressus</i>  | Exotic                 | 1                              |
| Juncaceae    | <i>Juncus confusus</i>  | Native                 | 2                              |
| Juncaceae    | <i>Juncus covillei</i>  | Native                 | 4                              |
| Juncaceae    | <i>Juncus covillei</i> var. <i>covillei</i>                         | Native                 | -                              |
| Juncaceae    | <i>Juncus covillei</i> var. <i>obtusatus</i>                        | Native                 | -                              |
| Juncaceae    | <i>Juncus drummondii</i>  | Native                 | 7                              |
| Juncaceae    | <i>Juncus dudleyi</i>   | Native                 | 3                              |
| Juncaceae    | <i>Juncus effusus</i>   | Native                 | 6                              |
| Juncaceae    | <i>Juncus ensifolius</i>  | Native                 | 4                              |
| Juncaceae    | <i>Juncus filiformis</i>  | Native                 | 7                              |
| Juncaceae    | <i>Juncus gerardii</i>  | Exotic                 | 1                              |
| Juncaceae    | <i>Juncus hallii</i>  | Native                 | 6                              |
| Juncaceae    | <i>Juncus interior</i>  | Native                 | 3                              |
| Juncaceae    | <i>Juncus longistylis</i>   | Native                 | 5                              |
| Juncaceae    | <i>Juncus mertensianus</i>  | Native                 | 7                              |
| Juncaceae    | <i>Juncus nevadensis</i>  | Native                 | 8                              |
| Juncaceae    | <i>Juncus nodosus</i>   | Native                 | 5                              |
| Juncaceae    | <b><i>Juncus orthophyllus</i></b><br>syn. <i>Juncus longistylis</i> | Native                 | 5                              |
| Juncaceae    | <i>Juncus parryi</i>  | Native                 | 7                              |
| Juncaceae    | <b><i>Juncus regelii</i></b>  | Native                 | 6                              |
| Juncaceae    | <b><i>Juncus saximontanus</i></b> <sup>2</sup>                      |                        | absent                         |
| Juncaceae    | <i>Juncus tenuis</i>  | Native                 | 3                              |
| Juncaceae    | <i>Juncus torreyi</i>   | Native                 | 5                              |
| Juncaceae    | <i>Juncus triglumis</i>   | Native                 | 8                              |
| Juncaceae    | <i>Juncus triglumis</i> var. <i>albescens</i>                       | Native                 | 9                              |
| Juncaceae    | <i>Juncus triglumis</i> var. <i>triglumis</i>                       | Native                 | 8                              |
| Juncaceae    | <i>Juncus tweedyi</i>   | Unknown / Undetermined | -                              |
| Juncaceae    | <b><i>Juncus vaseyi</i></b>   | Unknown / Undetermined | insuff. info.                  |
| Cupressaceae | <b><i>Juniperus communis</i></b>                                    | Native                 | 4                              |
| Cupressaceae | <b><i>Juniperus horizontalis</i></b>                                | Native                 | 4                              |
| Cupressaceae | <i>Juniperus osteosperma</i>  | Native                 | -                              |
| Cupressaceae | <i>Juniperus scopulorum</i>   | Native                 | -                              |
| Ericaceae    | <i>Kalmia microphylla</i>   | Native                 | 5                              |
| Rubiaceae    | <i>Kelloggia galionoides</i>  | Native                 | -                              |
| Rosaceae     | <i>Kelseya uniflora</i>   | Native                 | -                              |
| Dipsacaceae  | <i>Knautia arvensis</i>   | Exotic                 | 0                              |
| Cyperaceae   | <i>Kobresia myosuroides</i>   | Native                 | 7                              |
| Cyperaceae   | <i>Kobresia sibirica</i>  | Native                 | 8                              |
| Cyperaceae   | <i>Kobresia simpliciuscula</i>                                      | Native                 | 9                              |

| FAMILY NAME      | SCIENTIFIC NAME <sup>1</sup>   | ORIGIN                 | 2015/2016 C-VALUE <sup>3</sup> |
|------------------|--|------------------------|--------------------------------|
| Amaranthaceae    | <i>Kochia americana</i>  | Native                 | 4                              |
| Amaranthaceae    | <i>Kochia scoparia</i><br><i>Bassia scoparia</i> <sup>2</sup>            | Exotic                 | 0                              |
| Poaceae          | <i>Koeleria macrantha</i>  | Native                 | -                              |
| Polygonaceae     | <i>Koenigia islandica</i>  | Native                 | 10                             |
| Amaranthaceae    | <i>Krascheninnikovia lanata</i>  | Native                 | -                              |
| Asteraceae       | <i>Lactuca biennis</i>   | Unknown / Undetermined | 3                              |
| Asteraceae       | <b><i>Lactuca canadensis</i></b>   | Unknown / Undetermined | insuff. info.                  |
| Asteraceae       | <i>Lactuca ludoviciana</i>   | Native                 | 3                              |
| Asteraceae       | <i>Lactuca serriola</i>  | Exotic                 | 0                              |
| Asteraceae       | <i>Lactuca tatarica</i>  | Native                 | 4                              |
| Asteraceae       | <i>Lagophylla ramosissima</i>  | Native                 | -                              |
| Lamiaceae        | <i>Lamium amplexicaule</i>   | Exotic                 | 1                              |
| Lamiaceae        | <i>Lamium purpureum</i>  | Exotic                 | 1                              |
| Boraginaceae     | <i>Lappula cenchrusoides</i>   | Unknown / Undetermined | -                              |
| Boraginaceae     | <i>Lappula occidentalis</i>  | Unknown / Undetermined | -                              |
| Boraginaceae     | <i>Lappula squarrosa</i>   | Exotic                 | 1                              |
| Asteraceae       | <i>Lapsana communis</i>  | Exotic                 | 1                              |
| Pinaceae         | <i>Larix lyallii</i>   | Native                 | -                              |
| <b>Pinaceae</b>  | <b><i>Larix occidentalis</i></b>   | <b>Native</b>          | <b>4</b>                       |
| Fabaceae         | <i>Lathyrus bijugatus</i>  | Native                 | -                              |
| Fabaceae         | <i>Lathyrus latifolius</i>   | Exotic                 | 1                              |
| Fabaceae         | <i>Lathyrus ochroleucus</i>  | Native                 | -                              |
| Fabaceae         | <i>Lathyrus sylvestris</i>   | Exotic                 | 1                              |
| Fabaceae         | <i>Lathyrus tuberosus</i>  | Exotic                 | 1                              |
| Ericaceae        | <i>Ledum glandulosum</i><br><i>Rhododendron columbianum</i> <sup>2</sup> | Native                 | 7                              |
| Poaceae          | <i>Leersia oryzoides</i>   | Native                 | 8                              |
| <b>Lemnaceae</b> | <b><i>Lemna gibba</i></b>  | Unknown / Undetermined | insuff. info.                  |
| Lemnaceae        | <i>Lemna minor</i>   | Native                 | 2                              |
| Lemnaceae        | <i>Lemna trisulca</i>  | Native                 | 5                              |
| Lemnaceae        | <i>Lemna turionifera</i>   | Native                 | 2                              |
| <b>Lemnaceae</b> | <b><i>Lemna valdiviana</i></b>   | <b>Native</b>          | <b>insuff. info.</b>           |
| Lamiaceae        | <i>Leonurus cardiaca</i>   | Exotic                 | 0                              |
| Brassicaceae     | <i>Lepidium appelianum</i>   | Exotic                 | 0                              |
| Brassicaceae     | <i>Lepidium campestre</i>  | Exotic                 | 0                              |
| Brassicaceae     | <i>Lepidium chalepense</i>   | Exotic                 | 0                              |
| Brassicaceae     | <i>Lepidium densiflorum</i>  | Native                 | 3                              |
| Brassicaceae     | <i>Lepidium densiflorum</i> var. <i>densiflorum</i>                      | Native                 | -                              |
| Brassicaceae     | <i>Lepidium densiflorum</i> var. <i>pubescarpum</i>                      | Native                 | -                              |
| Brassicaceae     | <i>Lepidium densiflorum</i> var. <i>ramosum</i>                          | Native                 | -                              |
| Brassicaceae     | <i>Lepidium draba</i>  | Exotic                 | 0                              |
| Brassicaceae     | <i>Lepidium latifolium</i>   | Exotic                 | 0                              |
| Brassicaceae     | <i>Lepidium montanum</i>   | Native                 | -                              |
| Brassicaceae     | <i>Lepidium perfoliatum</i>  | Exotic                 | 0                              |
| Brassicaceae     | <i>Lepidium ramosissimum</i>   | Native                 | -                              |
| Brassicaceae     | <i>Lepidium ramosissimum</i> var. <i>bourgeauanum</i>                    | Native                 | -                              |
| Brassicaceae     | <i>Lepidium ramosissimum</i> var. <i>ramosissimum</i>                    | Native                 | -                              |

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|-----------------------|---|------------------------|--------------------------------|
| Brassicaceae          | <i>Lepidium sativum</i>   | Exotic                 | 1                              |
| Brassicaceae          | <i>Lepidium virginicum</i>  | Exotic                 | 1                              |
| Brassicaceae          | <i>Lepidium virginicum</i> var. <i>medium</i>                               | Native                 | -                              |
| Brassicaceae          | <i>Lepidium virginicum</i> var. <i>pubescens</i>                            | Native                 | -                              |
| Saxifragaceae         | <i>Leptarrhena pyrolifolia</i>  | Native                 | 8                              |
| Poaceae               | <i>Leptochloa fusca</i>   | Exotic                 | 1                              |
| Polemoniaceae         | <i>Leptodactylon caespitosum</i>  | Native                 | -                              |
| Polemoniaceae         | <i>Leptodactylon pungens</i>  | Native                 | -                              |
| Asteraceae            | <i>Leucanthemum vulgare</i>   | Exotic                 | 0                              |
| Liliaceae             | <i>Leucocrinum montanum</i>   | Native                 | -                              |
| Poaceae               | <i>Leucopoa kingii</i>  | Native                 | -                              |
| Portulacaceae         | <i>Lewisia columbiana</i>   | Native                 | -                              |
| <b>Portulacaceae</b>  | <b><i>Lewisia pygmaea</i></b>   | <b>Native</b>          | <b>5</b>                       |
| Portulacaceae         | <i>Lewisia rediviva</i>   | Native                 | -                              |
| Portulacaceae         | <i>Lewisia triphylla</i>  | Native                 | -                              |
| Asteraceae            | <i>Liatris ligulistylis</i>   | Native                 | 4                              |
| Asteraceae            | <i>Liatris punctata</i>   | Native                 | -                              |
| Apiaceae              | <i>Ligusticum canbyi</i>  | Native                 | 6                              |
| Apiaceae              | <i>Ligusticum filicinum</i>   | Native                 | -                              |
| Apiaceae              | <i>Ligusticum grayi</i> <sup>2</sup>  | Unknown / Undetermined | NA                             |
| Apiaceae              | <i>Ligusticum porteri</i> <sup>2</sup>                                      | Unknown / Undetermined | NA                             |
| Apiaceae              | <i>Ligusticum tenuifolium</i>   | Native                 | 7                              |
| Apiaceae              | <i>Ligusticum verticillatum</i>   | Native                 | 6                              |
| Juncaginaceae         | <i>Lilaea scilloides</i>  | Native                 | 6                              |
| Liliaceae             | <i>Lilium columbianum</i>   | Native                 | -                              |
| Liliaceae             | <i>Lilium philadelphicum</i>  | Native                 | 9                              |
| Plantaginaceae        | <i>Limosella aquatica</i>   | Native                 | 4                              |
| Polemoniaceae         | <i>Linanthastrum nuttallii</i><br><i>Leptosiphon nuttallii</i> <sup>2</sup> | Native                 | 5                              |
| Polemoniaceae         | <i>Linanthus septentrionalis</i>  | Native                 | -                              |
| Plantaginaceae        | <i>Linaria dalmatica</i>  | Exotic                 | 0                              |
| Plantaginaceae        | <i>Linaria vulgaris</i>   | Exotic                 | 0                              |
| <b>Caprifoliaceae</b> | <b><i>Linnaea borealis</i></b>  | <b>Native</b>          | <b>4</b>                       |
| Linaceae              | <i>Linum australe</i>   | Native                 | -                              |
| Linaceae              | <i>Linum lewisii</i>  | Native                 | -                              |
| Linaceae              | <i>Linum rigidum</i>  | Native                 | -                              |
| Linaceae              | <i>Linum rigidum</i> var. <i>compactum</i>                                  | Native                 | -                              |
| Linaceae              | <i>Linum rigidum</i> var. <i>rigidum</i>                                    | Native                 | -                              |
| Linaceae              | <i>Linum usitatissimum</i>  | Exotic                 | 1                              |
| Orchidaceae           | <i>Liparis loeselii</i>   | Native                 | 10                             |
| <b>Cyperaceae</b>     | <b><i>Lipocarpha micrantha</i></b>  | <b>Native</b>          | <b>insuff. info.</b>           |
| Orchidaceae           | <i>Listera borealis</i>   | Native                 | 9                              |
| Orchidaceae           | <i>Listera caurina</i>  | Native                 | 7                              |
| Orchidaceae           | <i>Listera convallarioides</i>  | Native                 | 8                              |
| Orchidaceae           | <i>Listera cordata</i>  | Native                 | 7                              |
| Saxifragaceae         | <i>Lithophragma glabrum</i>   | Native                 | -                              |
| Saxifragaceae         | <i>Lithophragma parviflorum</i>   | Native                 | -                              |
| Saxifragaceae         | <i>Lithophragma tenellum</i>  | Native                 | -                              |
| Boraginaceae          | <i>Lithospermum arvense</i>   | Exotic                 | 0                              |
| Boraginaceae          | <i>Lithospermum incisum</i>   | Native                 | -                              |
| Boraginaceae          | <i>Lithospermum ruderale</i>  | Native                 | -                              |

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|-------------------|---|------------------------|--------------------------------|
| Liliaceae         | <i>Lloydia serotina</i>                             | Native                 | 7                              |
| Campanulaceae     | <i>Lobelia kalmii</i>                               | Native                 | 5                              |
| Campanulaceae     | <i>Lobelia spicata</i>                              | Native                 | 7                              |
| Brassicaceae      | <i>Lobularia maritima</i>                           | Exotic                 | 1                              |
| Poaceae           | <i>Lolium multiflorum</i>                           | Exotic                 | 1                              |
| Poaceae           | <i>Lolium perenne</i>                               | Exotic                 | 1                              |
| Poaceae           | <i>Lolium persicum</i>                              | Exotic                 | 1                              |
| Poaceae           | <i>Lolium temulentum</i>                            | Exotic                 | 1                              |
| Apiaceae          | <i>Lomatium ambiguum</i>                            | Native                 | -                              |
| Apiaceae          | <i>Lomatium attenuatum</i>                          | Native                 | -                              |
| <b>Apiaceae</b>   | <b><i>Lomatium bicolor</i></b>                      | <b>Native</b>          | <b>7</b>                       |
| Apiaceae          | <i>Lomatium cous</i>                                | Native                 | -                              |
| Apiaceae          | <i>Lomatium cusickii</i>                            | Native                 | -                              |
| Apiaceae          | <i>Lomatium dissectum</i>                           | Native                 | -                              |
| Apiaceae          | <i>Lomatium foeniculaceum</i>                       | Native                 | -                              |
| Apiaceae          | <i>Lomatium geyeri</i>                              | Native                 | -                              |
| Apiaceae          | <i>Lomatium macrocarpum</i>                         | Native                 | -                              |
| Apiaceae          | <i>Lomatium nuttallii</i>                           | Native                 | -                              |
| Apiaceae          | <i>Lomatium orientale</i>                           | Native                 | -                              |
| Apiaceae          | <i>Lomatium sandbergii</i>                          | Native                 | -                              |
| Apiaceae          | <i>Lomatium triternatum</i>                         | Native                 | -                              |
| Apiaceae          | <i>Lomatium triternatum</i> var. <i>anomalum</i>    | Native                 | -                              |
| Apiaceae          | <i>Lomatium triternatum</i> var. <i>platycarpum</i> | Native                 | -                              |
| Apiaceae          | <i>Lomatium triternatum</i> var. <i>triternatum</i> | Native                 | -                              |
| Gentianaceae      | <i>Lomatogonium rotatum</i>                         | Native                 | 6                              |
| Caprifoliaceae    | <i>Lonicera caerulea</i>                            | Native                 | 8                              |
| Caprifoliaceae    | <i>Lonicera ciliosa</i>                             | Native                 | -                              |
| Caprifoliaceae    | <i>Lonicera involucrata</i>                         | Native                 | 5                              |
| Caprifoliaceae    | <i>Lonicera morrowii</i>                            | Exotic                 | 1                              |
| Caprifoliaceae    | <i>Lonicera tatarica</i>                            | Exotic                 | 1                              |
| Caprifoliaceae    | <i>Lonicera utahensis</i>                           | Native                 | 4                              |
| <b>Asteraceae</b> | <b><i>Lorandersonia linifolia</i></b>               | <b>Native</b>          | <b>4</b>                       |
| Fabaceae          | <i>Lotus corniculatus</i>                           | Exotic                 | 1                              |
| Fabaceae          | <i>Lotus tenuis</i>                                 | Exotic                 | 1                              |
| Fabaceae          | <i>Lotus unifoliolatus</i>                          | Native                 | -                              |
| <b>Rosaceae</b>   | <b><i>Luetkea pectinata</i></b>                     | <b>Native</b>          | <b>6</b>                       |
| Fabaceae          | <i>Lupinus arbustus</i>                             | Native                 | -                              |
| Fabaceae          | <i>Lupinus argenteus</i>                            | Native                 | -                              |
| Fabaceae          | <i>Lupinus argenteus</i> var. <i>argentatus</i>     | Native                 | -                              |
| Fabaceae          | <i>Lupinus argenteus</i> var. <i>argenteus</i>      | Native                 | -                              |
| Fabaceae          | <i>Lupinus argenteus</i> var. <i>depressus</i>      | Native                 | -                              |
| Fabaceae          | <i>Lupinus argenteus</i> var. <i>parviflorus</i>    | Native                 | -                              |
| Fabaceae          | <i>Lupinus argenteus</i> var. <i>rubricaulis</i>    | Native                 | -                              |
| Fabaceae          | <i>Lupinus caudatus</i>                             | Unknown / Undetermined | -                              |
| Fabaceae          | <i>Lupinus lepidus</i>                              | Native                 | -                              |
| Fabaceae          | <i>Lupinus lepidus</i> var. <i>utahensis</i>        | Unknown / Undetermined | 5                              |
| Fabaceae          | <i>Lupinus leucophyllus</i>                         | Native                 | -                              |
| Fabaceae          | <i>Lupinus polyphyllus</i>                          | Native                 | 6                              |
| Fabaceae          | <i>Lupinus polyphyllus</i> var. <i>burkei</i>       | Native                 | -                              |
| Fabaceae          | <i>Lupinus polyphyllus</i> var. <i>humicola</i>     | Native                 | -                              |
| Fabaceae          | <i>Lupinus polyphyllus</i> var. <i>prunophilus</i>  | Native                 | -                              |

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|---------------------|--|-------------------------------|--------------------------------|
| Fabaceae            | <i>Lupinus pusillus</i>  | Native                        | -                              |
| Fabaceae            | <i>Lupinus sericeus</i>  | Native                        | -                              |
| <b>Juncaceae</b>    | <b>Luzula arcuata</b>  | <b>Native</b>                 | <b>8</b>                       |
| Juncaceae           | <i>Luzula divaricata</i>   | Native                        | -                              |
| Juncaceae           | <i>Luzula hitchcockii</i>  | Native                        | -                              |
| Juncaceae           | <i>Luzula multiflora</i>   | Native                        | 4                              |
| Juncaceae           | <i>Luzula parviflora</i>   | Native                        | 7                              |
| Juncaceae           | <i>Luzula piperi</i>   | Native                        | 8                              |
| <b>Juncaceae</b>    | <b>Luzula spicata</b>  | <b>Native</b>                 | <b>4</b>                       |
| Solanaceae          | <i>Lycium barbarum</i>   | Exotic                        | 1                              |
| Lycopodiaceae       | <i>Lycopodium alpinum</i><br><i>Diphasiastrum alpinum</i> <sup>2</sup>         | Native                        | 9                              |
| Lycopodiaceae       | <i>Lycopodium annotinum</i>  | Native                        | 6                              |
| Lycopodiaceae       | <i>Lycopodium clavatum</i>   | Native                        | 10                             |
| Lycopodiaceae       | <i>Lycopodium complanatum</i><br><i>Diphasiastrum complanatum</i> <sup>2</sup> | Native                        | 7                              |
| Lycopodiaceae       | <i>Lycopodium dendroideum</i>  | Native                        | 5                              |
| Lycopodiaceae       | <i>Lycopodium inundatum</i><br><i>Lycopodiella inundata</i> <sup>2</sup>       | Native                        | 10                             |
| Lycopodiaceae       | <i>Lycopodium lagopus</i>  | Native                        | -                              |
| Lycopodiaceae       | <i>Lycopodium sitchense</i>  | Native                        | -                              |
| Lamiaceae           | <i>Lycopus americanus</i>  | Native                        | 8                              |
| Lamiaceae           | <i>Lycopus asper</i>   | Native                        | 6                              |
| Lamiaceae           | <i>Lycopus uniflorus</i>   | Native                        | 9                              |
| Asteraceae          | <i>Lygodesmia juncea</i>   | Native                        | -                              |
| Araceae             | <i>Lysichiton americanus</i>   | Native                        | 8                              |
| Myrsinaceae         | <i>Lysimachia ciliata</i>  | Native                        | 7                              |
| Myrsinaceae         | <i>Lysimachia thyrsiflora</i>  | Native                        | 8                              |
| <b>Lythraceae</b>   | <b><i>Lythrum alatum</i></b>   | <b>Unknown / Undetermined</b> | <b>NA</b>                      |
| Lythraceae          | <i>Lythrum salicaria</i>   | Exotic                        | 0                              |
| Asteraceae          | <i>Machaeranthera canescens</i>  | Native                        | 3                              |
| Asteraceae          | <i>Machaeranthera tanacetifolia</i>  | Native                        | -                              |
| Asteraceae          | <i>Madia exigua</i>  | Native                        | -                              |
| <b>Asteraceae</b>   | <b><i>Madia glomerata</i></b>  | <b>Native</b>                 | <b>2</b>                       |
| Asteraceae          | <i>Madia gracilis</i>  | Unknown / Undetermined        | -                              |
| Asteraceae          | <i>Madia minima</i>  | Native                        | -                              |
| <b>Liliaceae</b>    | <b><i>Maianthemum canadense</i></b>  | <b>Native</b>                 | <b>insuff. info.</b>           |
| Liliaceae           | <i>Maianthemum trifolium</i>   | Unknown / Undetermined        | -                              |
| Asteraceae          | <i>Malacothrix torreyi</i>   | Native                        | -                              |
| Brassicaceae        | <i>Malcolmia africana</i>  | Exotic                        | 0                              |
| Rosaceae            | <i>Malus sylvestris</i>  | Exotic                        | 1                              |
| Malvaceae           | <i>Malva moschata</i>  | Exotic                        | 1                              |
| Malvaceae           | <i>Malva neglecta</i>  | Exotic                        | 1                              |
| Malvaceae           | <i>Malva parviflora</i>  | Exotic                        | 1                              |
| Lamiaceae           | <i>Marrubium vulgare</i>   | Exotic                        | 0                              |
| <b>Marsileaceae</b> | <b><i>Marsilea oligospora</i></b>  | <b>Unknown / Undetermined</b> | <b>insuff. info.</b>           |
| Marsileaceae        | <i>Marsilea vestita</i>  | Native                        | 4                              |
| Asteraceae          | <i>Matricaria discoidea</i>  | Exotic                        | 0                              |
| Fabaceae            | <i>Medicago falcata</i>  | Exotic                        | 1                              |

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|----------------------|--------------------------------|---------------|-----------------------------------|
| Fabaceae             | Medicago lupulina              | Exotic        | 0                                 |
| Fabaceae             | Medicago polymorpha            | Exotic        | 1                                 |
| Fabaceae             | Medicago sativa                | Exotic        | 0                                 |
| Orobanchaceae        | Melampyrum lineare             | Native        | 6                                 |
| <b>Poaceae</b>       | <b>Melica bulbosa</b>          | <b>Native</b> | <b>5</b>                          |
| Poaceae              | Melica smithii                 | Native        | -                                 |
| Poaceae              | Melica spectabilis             | Native        | 7                                 |
| Poaceae              | Melica subulata                | Native        | -                                 |
| Fabaceae             | Melilotus albus                | Exotic        | 0                                 |
| Fabaceae             | Melilotus officinalis          | Exotic        | 0                                 |
| Lamiaceae            | Mentha arvensis                | Native        | 3                                 |
| Lamiaceae            | Mentha spicata                 | Exotic        | 1                                 |
| Loasaceae            | Mentzelia albicaulis           | Native        | -                                 |
| Loasaceae            | Mentzelia decapetala           | Native        | -                                 |
| Loasaceae            | Mentzelia dispersa             | Native        | -                                 |
| Loasaceae            | Mentzelia laevicaulis          | Native        | -                                 |
| Loasaceae            | Mentzelia nuda                 | Native        | -                                 |
| Loasaceae            | Mentzelia pumila               | Native        | -                                 |
| Menyanthaceae        | Menyanthes trifoliata          | Native        | 9                                 |
| <b>Ericaceae</b>     | <b>Menziesia ferruginea</b>    | <b>Native</b> | <b>4</b>                          |
| Boraginaceae         | Mertensia alpina               | Native        | -                                 |
| Boraginaceae         | Mertensia bella                | Native        | 6                                 |
| Boraginaceae         | Mertensia ciliata              | Native        | 6                                 |
| Boraginaceae         | Mertensia lanceolata           | Native        | -                                 |
| Boraginaceae         | Mertensia longiflora           | Native        | -                                 |
| Boraginaceae         | Mertensia oblongifolia         | Native        | -                                 |
| Boraginaceae         | Mertensia paniculata           | Native        | 7                                 |
| Saxifragaceae        | Micranthes apetala             | Native        | -                                 |
| Saxifragaceae        | Micranthes ferruginea          | Native        | 8                                 |
| Saxifragaceae        | Micranthes idahoensis          | Native        | 7                                 |
| <b>Saxifragaceae</b> | <b>Micranthes integrifolia</b> | <b>Native</b> | <b>insuff. infor.</b>             |
| Saxifragaceae        | Micranthes lyallii             | Native        | 7                                 |
| <b>Saxifragaceae</b> | <b>Micranthes nidifica</b>     | <b>Native</b> | <b>4</b>                          |
| Saxifragaceae        | Micranthes nivalis             | Native        | -                                 |
| Saxifragaceae        | Micranthes occidentalis        | Native        | 6                                 |
| Saxifragaceae        | Micranthes odontoloma          | Native        | 7                                 |
| Saxifragaceae        | Micranthes oregana             | Native        | 6                                 |
| Saxifragaceae        | Micranthes rhomboidea          | Native        | 7                                 |
| Saxifragaceae        | Micranthes subapetala          | Native        | -                                 |
| Saxifragaceae        | Micranthes tempestiva          | Native        | -                                 |
| Asteraceae           | Microseris nutans              | Native        | -                                 |
| <b>Polemoniaceae</b> | <b>Microsteris gracilis</b>    | <b>Native</b> | <b>3</b>                          |
| Phrymaceae           | Mimulus ampliatus              | Native        | 7                                 |
| Phrymaceae           | Mimulus breviflorus            | Native        | 3                                 |
| <b>Phrymaceae</b>    | <b>Mimulus breweri</b>         | <b>Native</b> | <b>7</b>                          |
| Phrymaceae           | Mimulus clivicola              | Native        | -                                 |
| Phrymaceae           | Mimulus floribundus            | Native        | 3                                 |
| <b>Phrymaceae</b>    | <b>Mimulus glabratus</b>       | <b>Native</b> | <b>insuff. info.</b>              |
| Phrymaceae           | Mimulus guttatus               | Native        | 5                                 |
| Phrymaceae           | Mimulus hymenophyllum          | Native        | -                                 |
| Phrymaceae           | Mimulus lewisii                | Native        | 7                                 |
| Phrymaceae           | Mimulus moschatus              | Native        | 3                                 |
| <b>Phrymaceae</b>    | <b>Mimulus nanus</b>           | <b>Native</b> | <b>6</b>                          |

| FAMILY NAME            | SCIENTIFIC NAME <sup>1</sup>                | ORIGIN                        | 2015/2016 C-VALUE <sup>3</sup> |
|------------------------|---|-------------------------------|--------------------------------|
| Phrymaceae             | <i>Mimulus primuloides</i>                  | Native                        | 10                             |
| <b>Phrymaceae</b>      | <b><i>Mimulus ringens</i></b>               | <b>Native</b>                 | <b>insuff. info.</b>           |
| Phrymaceae             | <i>Mimulus suksdorfii</i>                   | Native                        | 4                              |
| Phrymaceae             | <i>Mimulus tilingii</i>                     | Native                        | 7                              |
| Caryophyllaceae        | <i>Minuartia austromontana</i>              | Native                        | -                              |
| Caryophyllaceae        | <i>Minuartia nuttallii</i>                  | Native                        | -                              |
| Caryophyllaceae        | <i>Minuartia obtusiloba</i>                 | Native                        | -                              |
| Caryophyllaceae        | <i>Minuartia rubella</i>                    | Native                        | 5                              |
| Nyctaginaceae          | <i>Mirabilis albida</i>                     | Unknown / Undetermined        | -                              |
| Nyctaginaceae          | <i>Mirabilis linearis</i>                   | Native                        | -                              |
| <b>Nyctaginaceae</b>   | <b><i>Mirabilis nyctaginea</i></b>          | <b>Native</b>                 | <b>2</b>                       |
| Saxifragaceae          | <i>Mitella breweri</i>                      | Native                        | 7                              |
| Saxifragaceae          | <i>Mitella caulescens</i>                   | Native                        | 5                              |
| Saxifragaceae          | <i>Mitella nuda</i>                         | Native                        | 8                              |
| Saxifragaceae          | <i>Mitella pentandra</i>                    | Native                        | 7                              |
| Saxifragaceae          | <i>Mitella stauropetala</i>                 | Native                        | 6                              |
| Saxifragaceae          | <i>Mitella trifida</i>                      | Native                        | 5                              |
| Caryophyllaceae        | <i>Moehringia lateriflora</i>               | Native                        | 5                              |
| <b>Caryophyllaceae</b> | <b><i>Moehringia macrophylla</i></b>        | <b>Native</b>                 | <b>5</b>                       |
| Molluginaceae          | <i>Mollugo verticillata</i>                 | Exotic                        | 1                              |
| <b>Lamiaceae</b>       | <b><i>Monarda fistulosa</i></b>             | <b>Native</b>                 | <b>4</b>                       |
| Ericaceae              | <i>Moneses uniflora</i>                     | Native                        | 8                              |
| Amaranthaceae          | <i>Monolepis nuttalliana</i>                | Native                        | 1                              |
| Ericaceae              | <i>Monotropa hypopithys</i>                 | Native                        | -                              |
| <b>Ericaceae</b>       | <b><i>Monotropa uniflora</i></b>            | <b>Native</b>                 | <b>7</b>                       |
| Portulacaceae          | <i>Montia chamaissoides</i>                 | Native                        | 4                              |
| Portulacaceae          | <i>Montia dichotoma</i>                     | Native                        | 2                              |
| Portulacaceae          | <i>Montia linearis</i>                      | Native                        | 4                              |
| Portulacaceae          | <i>Montia parvifolia</i>                    | Native                        | 2                              |
| <b>Poaceae</b>         | <b><i>Muhlenbergia andina</i></b>           | <b>Native</b>                 | <b>7</b>                       |
| Poaceae                | <i>Muhlenbergia asperifolia</i>             | Native                        | 7                              |
| Poaceae                | <i>Muhlenbergia cuspidata</i>               | Native                        | -                              |
| Poaceae                | <i>Muhlenbergia filiformis</i>              | Native                        | 4                              |
| Poaceae                | <i>Muhlenbergia glomerata</i>               | Native                        | 8                              |
| <b>Poaceae</b>         | <b><i>Muhlenbergia mexicana</i></b>         | <b>Native</b>                 | <b>NA</b>                      |
| Poaceae                | <i>Muhlenbergia minutissima</i>             | Native                        | 2                              |
| <b>Poaceae</b>         | <b><i>Muhlenbergia montana</i></b>          |                               | <b>absent</b>                  |
| Poaceae                | <i>Muhlenbergia racemosa</i>                | Native                        | 3                              |
| Poaceae                | <i>Muhlenbergia richardsonis</i>            | Native                        | 4                              |
| Poaceae                | <i>Munroa squarrosa</i>                     | Native                        | -                              |
| Apiaceae               | <i>Musineon divaricatum</i>                 | Native                        | -                              |
| Apiaceae               | <i>Musineon vaginatum</i>                   | Native                        | -                              |
| Asteraceae             | <i>Mycelis muralis</i>                      | Exotic                        | 1                              |
| Boraginaceae           | <i>Myosotis arvensis</i>                    | Exotic                        | 0                              |
| Boraginaceae           | <i>Myosotis asiatica</i>                    | Native                        | 7                              |
| <b>Boraginaceae</b>    | <b><i>Myosotis discolor</i><sup>2</sup></b> |                               | <b>absent</b>                  |
| Boraginaceae           | <i>Myosotis laxa</i>                        | Native                        | 4                              |
| Boraginaceae           | <i>Myosotis scorpioides</i>                 | Exotic                        | 0                              |
| Boraginaceae           | <i>Myosotis stricta</i>                     | Exotic                        | 0                              |
| <b>Boraginaceae</b>    | <b><i>Myosotis verna</i></b>                | <b>Unknown / Undetermined</b> | <b>insuff. infor.</b>          |
| <b>Caryophyllaceae</b> | <b><i>Myoston aquaticum</i><sup>2</sup></b> |                               | <b>absent</b>                  |

| FAMILY NAME     | SCIENTIFIC NAME <sup>1</sup>                       | ORIGIN                 | 2015/2016 C-VALUE <sup>3</sup> |
|-----------------|--|------------------------|--------------------------------|
| Ranunculaceae   | <i>Myosurus apetalus</i>                           | Native                 | 4                              |
| Ranunculaceae   | <i>Myosurus apetalus</i> var. <i>borealis</i>      | Native                 | -                              |
| Ranunculaceae   | <i>Myosurus apetalus</i> var. <i>montanus</i>      | Native                 | -                              |
| Ranunculaceae   | <i>Myosurus minimus</i>                            | Native                 | 4                              |
| Haloragaceae    | <i>Myriophyllum quitense</i>                       | Native                 | 4                              |
| Haloragaceae    | <i>Myriophyllum sibiricum</i>                      | Native                 | 3                              |
| Haloragaceae    | <i>Myriophyllum spicatum</i>                       | Exotic                 | 0                              |
| Haloragaceae    | <i>Myriophyllum verticillatum</i>                  | Unknown / Undetermined | 4                              |
| Najadaceae      | <i>Najas flexilis</i>                              | Native                 | 7                              |
| Najadaceae      | <i>Najas guadalupensis</i>                         | Native                 | 7                              |
| Hydrophyllaceae | <i>Nama densum</i>                                 | Native                 | -                              |
| Polemoniaceae   | <i>Navarretia divaricata</i>                       | Unknown / Undetermined | -                              |
| Polemoniaceae   | <i>Navarretia intertexta</i>                       | Native                 | 6                              |
| Polemoniaceae   | <i>Navarretia intertexta</i> ssp. <i>propinqua</i> | Native                 | -                              |
| Polemoniaceae   | <b><i>Navarretia leucocephala</i></b>              | Unknown / Undetermined | NA                             |
| Polemoniaceae   | <i>Navarretia saximontana</i>                      | Native                 | 4                              |
| Hydrophyllaceae | <i>Nemophila breviflora</i>                        | Native                 | -                              |
| Lamiaceae       | <i>Nepeta cataria</i>                              | Exotic                 | 0                              |
| Solanaceae      | <i>Nicotiana attenuata</i>                         | Native                 | 3                              |
| Brassicaceae    | <i>Noccaea fendleri</i>                            | Native                 | -                              |
| Brassicaceae    | <i>Noccaea parviflora</i>                          | Native                 | -                              |
| Asteraceae      | <i>Nothocalais cuspidata</i>                       | Native                 | -                              |
| Asteraceae      | <i>Nothocalais nigrescens</i>                      | Native                 | -                              |
| Asteraceae      | <i>Nothocalais troximoides</i>                     | Native                 | -                              |
| Nymphaeaceae    | <i>Nuphar polysepala</i>                           | Native                 | 5                              |
| Nymphaeaceae    | <i>Nuphar variegata</i>                            | Native                 | 5                              |
| Plantaginaceae  | <i>Nuttallanthus texanus</i>                       | Native                 | -                              |
| Nymphaeaceae    | <i>Nymphaea leibergii</i>                          | Native                 | 9                              |
| Nymphaeaceae    | <i>Nymphaea odorata</i>                            | Exotic                 | 0                              |
| Nymphaeaceae    | <b><i>Nymphaea tetragona</i></b>                   |                        | absent                         |
| Onagraceae      | <i>Oenothera albicaulis</i>                        | Native                 | -                              |
| Onagraceae      | <i>Oenothera caespitosa</i>                        | Native                 | -                              |
| Onagraceae      | <b><i>Oenothera elata</i></b>                      | Native                 | 3                              |
| Onagraceae      | <i>Oenothera flava</i>                             | Native                 | 2                              |
| Onagraceae      | <i>Oenothera nuttallii</i>                         | Native                 | -                              |
| Onagraceae      | <i>Oenothera pallida</i> ssp. <i>pallida</i>       | Native                 | -                              |
| Onagraceae      | <b><i>Oenothera perennis</i></b>                   | Unknown / Undetermined | insuff. info.                  |
| Onagraceae      | <i>Oenothera villosa</i>                           | Native                 | 1                              |
| Fabaceae        | <i>Onobrychis viciifolia</i>                       | Exotic                 | 1                              |
| Asteraceae      | <i>Onopordum acanthium</i>                         | Exotic                 | 0                              |
| Boraginaceae    | <i>Onosmodium molle</i>                            | Native                 | -                              |
| Ophioglossaceae | <i>Ophioglossum pusillum</i>                       | Native                 | 4                              |
| Araliaceae      | <i>Oplopanax horridus</i>                          | Native                 | 7                              |
| Cactaceae       | <i>Opuntia fragilis</i>                            | Native                 | -                              |
| Cactaceae       | <i>Opuntia polyacantha</i>                         | Native                 | -                              |
| Asteraceae      | <i>Oreostemma alpigenum</i>                        | Native                 | 4                              |
| Lamiaceae       | <i>Origanum vulgare</i>                            | Exotic                 | 1                              |
| Orobanchaceae   | <i>Orobanche corymbosa</i>                         | Native                 | -                              |
| Orobanchaceae   | <i>Orobanche fasciculata</i>                       | Native                 | -                              |

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|----------------------|---|---------------------------|--------------------------------|
| Orobanchaceae        | <i>Orobanche ludoviciana</i>                                  | Native                    | -                              |
| <b>Orobanchaceae</b> | <b><i>Orobanche uniflora</i></b>                              | <b>Native</b>             | <b>4</b>                       |
| <b>Apiaceae</b>      | <b><i>Orogenia fusiformis</i><sup>2</sup></b>                 |                           | <b>absent</b>                  |
| Apiaceae             | <i>Orogenia linearifolia</i>                                  | Native                    | -                              |
| Ericaceae            | <i>Orthilia secunda</i>                                       | Native                    | -                              |
| <b>Orobanchaceae</b> | <b><i>Orthocarpus luteus</i></b>                              | <b>Native</b>             | <b>4</b>                       |
| Orobanchaceae        | <i>Orthocarpus tenuifolius</i>                                | Native                    | -                              |
| Orobanchaceae        | <i>Orthocarpus tolmiei</i>                                    | Native                    | -                              |
| Poaceae              | <i>Oryzopsis asperifolia</i>                                  | Native                    | -                              |
| Poaceae              | <i>Oryzopsis contracta</i>                                    | Native                    | -                              |
| Poaceae              | <i>Oryzopsis exigua</i>                                       | Native                    | -                              |
| Poaceae              | <i>Oryzopsis hymenoides</i>                                   | Native                    | -                              |
| Poaceae              | <i>Oryzopsis micrantha</i>                                    | Native                    | -                              |
| Apiaceae             | <i>Osmorhiza berteroii</i><br>syn. <i>Osmorhiza chilensis</i> | Native                    | 4                              |
| Apiaceae             | <i>Osmorhiza depauperata</i>                                  | Native                    | -                              |
| Apiaceae             | <i>Osmorhiza longistylis</i>                                  | Native                    | 6                              |
| Apiaceae             | <i>Osmorhiza occidentalis</i>                                 | Native                    | 6                              |
| Apiaceae             | <i>Osmorhiza purpurea</i>                                     | Native                    | 6                              |
| Oxalidaceae          | <i>Oxalis corniculata</i>                                     | Exotic                    | 1                              |
| <b>Oxalidaceae</b>   | <b><i>Oxalis dillenii</i></b>                                 | <b>Likely Native</b>      | <b>2</b>                       |
| <b>Oxalidaceae</b>   | <b><i>Oxalis stricta</i></b>                                  | <b>Native</b>             | <b>insuff. info.</b>           |
| Polygonaceae         | <i>Oxyria digyna</i>  | Native                    | 5                              |
| Fabaceae             | <i>Oxytropis besseyi</i>                                      | Native                    | -                              |
| Fabaceae             | <i>Oxytropis besseyi</i> var. <i>argophylla</i>               | Native                    | -                              |
| Fabaceae             | <i>Oxytropis besseyi</i> var. <i>besseyi</i>                  | Native                    | -                              |
| Fabaceae             | <i>Oxytropis besseyi</i> var. <i>fallax</i>                   | Native                    | -                              |
| Fabaceae             | <i>Oxytropis besseyi</i> var. <i>ventosa</i>                  | Unknown /<br>Undetermined | -                              |
| Fabaceae             | <i>Oxytropis borealis</i>                                     | Native                    | -                              |
| Fabaceae             | <i>Oxytropis campestris</i>                                   | Native                    | -                              |
| Fabaceae             | <i>Oxytropis campestris</i> var. <i>columbiana</i>            | Native                    | -                              |
| Fabaceae             | <i>Oxytropis campestris</i> var. <i>cusickii</i>              | Native                    | -                              |
| Fabaceae             | <i>Oxytropis campestris</i> var. <i>gracilis</i>              | Native                    | -                              |
| <b>Fabaceae</b>      | <b><i>Oxytropis deflexa</i></b>                               | <b>Native</b>             | <b>4</b>                       |
| Fabaceae             | <i>Oxytropis deflexa</i> var. <i>foliolosa</i>                | Native                    | -                              |
| Fabaceae             | <i>Oxytropis deflexa</i> var. <i>sericea</i>                  | Native                    | -                              |
| Fabaceae             | <i>Oxytropis lagopus</i>                                      | Native                    | -                              |
| Fabaceae             | <i>Oxytropis lagopus</i> var. <i>atropurpurea</i>             | Native                    | -                              |
| Fabaceae             | <i>Oxytropis lagopus</i> var. <i>conjugans</i>                | Native                    | -                              |
| Fabaceae             | <i>Oxytropis lagopus</i> var. <i>lagopus</i>                  | Native                    | -                              |
| <b>Fabaceae</b>      | <b><i>Oxytropis lambertii</i></b>                             | <b>Native</b>             | <b>4</b>                       |
| <b>Fabaceae</b>      | <b><i>Oxytropis parryi</i></b>                                | <b>Native</b>             | <b>10</b>                      |
| Fabaceae             | <i>Oxytropis podocarpa</i>                                    | Native                    | -                              |
| Fabaceae             | <i>Oxytropis riparia</i>                                      | Exotic                    | 0                              |
| Fabaceae             | <i>Oxytropis sericea</i>                                      | Native                    | -                              |
| Fabaceae             | <i>Oxytropis sericea</i> var. <i>sericea</i>                  | Native                    | -                              |
| Fabaceae             | <i>Oxytropis sericea</i> var. <i>speciosa</i>                 | Native                    | -                              |
| Fabaceae             | <i>Oxytropis splendens</i>                                    | Native                    | 3                              |
| Paeoniaceae          | <i>Paeonia brownii</i>  | Unknown /<br>Undetermined | -                              |
| Poaceae              | <i>Panicum capillare</i>                                      | Native                    | 1                              |
| Poaceae              | <i>Panicum miliaceum</i>                                      | Exotic                    | 0                              |

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|----------------------|--|---------------------------|--------------------------------|
| Poaceae              | <i>Panicum virgatum</i>                                | Native                    | 4                              |
| Papaveraceae         | <i>Papaver argemone</i>                                | Exotic                    | 1                              |
| Papaveraceae         | <i>Papaver pygmaeum</i>                                | Native                    | -                              |
| Papaveraceae         | <i>Papaver radicatum</i> ssp. <i>kluanensis</i>        | Native                    | -                              |
| Papaveraceae         | <i>Papaver rhoes</i>                                   | Exotic                    | 1                              |
| Papaveraceae         | <i>Papaver somniferum</i>                              | Exotic                    | 1                              |
| Urticaceae           | <i>Parietaria pensylvanica</i>                         | Native                    | 3                              |
| Saxifragaceae        | <i>Parnassia fimbriata</i>                             | Native                    | 7                              |
| Saxifragaceae        | <i>Parnassia kotzebuei</i>                             | Native                    | 9                              |
| Saxifragaceae        | <i>Parnassia palustris</i>                             | Native                    | 4                              |
| Saxifragaceae        | <i>Parnassia palustris</i> var. <i>montanensis</i>     | Native                    | -                              |
| Saxifragaceae        | <i>Parnassia palustris</i> var. <i>parviflora</i>      | Native                    | 9                              |
| Caryophyllaceae      | <i>Paronychia sessiliflora</i>                         | Native                    | -                              |
| Vitaceae             | <i>Parthenocissus quinquefolia</i>                     | Exotic                    | 1                              |
| Vitaceae             | <i>Parthenocissus vitacea</i>                          | Native                    | 4                              |
| Apiaceae             | <i>Pastinaca sativa</i>                                | Exotic                    | 0                              |
| Celastraceae         | <i>Paxistima myrsinoides</i>                           | Native                    | -                              |
| Orobanchaceae        | <i>Pedicularis bracteosa</i>                           | Native                    | -                              |
| Orobanchaceae        | <i>Pedicularis bracteosa</i> var. <i>bracteosa</i>     | Native                    | -                              |
| Orobanchaceae        | <i>Pedicularis bracteosa</i> var. <i>canbyi</i>        | Native                    | -                              |
| Orobanchaceae        | <i>Pedicularis bracteosa</i> var. <i>paysoniana</i>    | Native                    | -                              |
| <b>Orobanchaceae</b> | <b><i>Pedicularis contorta</i></b>                     | <b>Native</b>             | <b>4</b>                       |
| Orobanchaceae        | <i>Pedicularis contorta</i> var. <i>contorta</i>       | Native                    | -                              |
| Orobanchaceae        | <i>Pedicularis contorta</i> var. <i>ctenophora</i>     | Native                    | -                              |
| Orobanchaceae        | <i>Pedicularis contorta</i> var. <i>rubicunda</i>      | Native                    | -                              |
| Orobanchaceae        | <i>Pedicularis crenulata</i>                           | Native                    | 6                              |
| Orobanchaceae        | <i>Pedicularis cystopteridifolia</i>                   | Native                    | -                              |
| Orobanchaceae        | <i>Pedicularis groenlandica</i>                        | Native                    | 7                              |
| Orobanchaceae        | <i>Pedicularis oederi</i>                              | Native                    | -                              |
| Orobanchaceae        | <i>Pedicularis parryi</i>                              | Native                    | 5                              |
| Orobanchaceae        | <i>Pedicularis pulchella</i>                           | Native                    | -                              |
| Orobanchaceae        | <i>Pedicularis racemosa</i>                            | Native                    | -                              |
| Cactaceae            | <i>Pediocactus simpsonii</i>                           | Native                    | -                              |
| Fabaceae             | <i>Pediomelum argophyllum</i>                          | Native                    | -                              |
| Fabaceae             | <i>Pediomelum cuspidatum</i>                           | Unknown /<br>Undetermined | -                              |
| Fabaceae             | <i>Pediomelum esculentum</i>                           | Native                    | -                              |
| Fabaceae             | <i>Pediomelum hypogaeum</i>                            | Native                    | -                              |
| Pteridaceae          | <i>Pellaea breweri</i>                                 | Native                    | -                              |
| Pteridaceae          | <i>Pellaea glabella</i>                                | Native                    | -                              |
| Plantaginaceae       | <i>Penstemon albertinus</i>                            | Native                    | -                              |
| Plantaginaceae       | <i>Penstemon albidus</i>                               | Native                    | -                              |
| Plantaginaceae       | <i>Penstemon angustifolius</i>                         | Native                    | -                              |
| Plantaginaceae       | <i>Penstemon arenicola</i>                             | Unknown /<br>Undetermined | -                              |
| Plantaginaceae       | <i>Penstemon aridus</i>                                | Native                    | -                              |
| Plantaginaceae       | <i>Penstemon attenuatus</i>                            | Native                    | 5                              |
| Plantaginaceae       | <i>Penstemon attenuatus</i> var. <i>attenuatus</i>     | Native                    | -                              |
| Plantaginaceae       | <i>Penstemon attenuatus</i> var. <i>pseudoprocerus</i> | Native                    | -                              |
| Plantaginaceae       | <i>Penstemon caryi</i>                                 | Native                    | -                              |
| Plantaginaceae       | <i>Penstemon confertus</i>                             | Native                    | -                              |
| Plantaginaceae       | <i>Penstemon cyaneus</i>                               | Native                    | -                              |
| Plantaginaceae       | <i>Penstemon deustus</i>                               | Native                    | -                              |

| FAMILY NAME             | SCIENTIFIC NAME <sup>1</sup>                       | ORIGIN                 | 2015/2016 C-VALUE <sup>3</sup> |
|-------------------------|--|------------------------|--------------------------------|
| Plantaginaceae          | <i>Penstemon diphylloides</i>                      | Native                 | -                              |
| Plantaginaceae          | <i>Penstemon ellipticus</i>                        | Native                 | -                              |
| Plantaginaceae          | <i>Penstemon eriantherus</i>                       | Native                 | -                              |
| Plantaginaceae          | <i>Penstemon eriantherus</i> var. <i>cleburnei</i> | Unknown / Undetermined | -                              |
| Plantaginaceae          | <i>Penstemon flavescens</i>                        | Native                 | -                              |
| Plantaginaceae          | <i>Penstemon fruticosus</i>                        | Native                 | -                              |
| Plantaginaceae          | <i>Penstemon glaber</i>                            | Native                 | -                              |
| Plantaginaceae          | <i>Penstemon globosus</i>                          | Native                 | -                              |
| <b>Plantaginaceae</b>   | <b><i>Penstemon gracilis</i></b>                   | <b>Native</b>          | <b>4</b>                       |
| Plantaginaceae          | <i>Penstemon grandiflorus</i>                      | Native                 | -                              |
| Plantaginaceae          | <i>Penstemon humilis</i>                           | Native                 | -                              |
| Plantaginaceae          | <i>Penstemon laricifolius</i>                      | Native                 | -                              |
| Plantaginaceae          | <i>Penstemon lemhiensis</i>                        | Native                 | -                              |
| <b>Plantaginaceae</b>   | <b><i>Penstemon lyallii</i></b>                    | <b>Native</b>          | <b>4</b>                       |
| Plantaginaceae          | <i>Penstemon montanus</i>                          | Native                 | -                              |
| Plantaginaceae          | <i>Penstemon nitidus</i>                           | Native                 | -                              |
| Plantaginaceae          | <i>Penstemon nitidus</i> var. <i>nitidus</i>       | Native                 | -                              |
| Plantaginaceae          | <i>Penstemon nitidus</i> var. <i>polyphyllus</i>   | Native                 | -                              |
| Plantaginaceae          | <i>Penstemon payettensis</i>                       | Native                 | -                              |
| Plantaginaceae          | <i>Penstemon procerus</i>                          | Native                 | 5                              |
| Plantaginaceae          | <i>Penstemon radicosus</i>                         | Native                 | -                              |
| Plantaginaceae          | <i>Penstemon rydbergii</i>                         | Native                 | 5                              |
| Plantaginaceae          | <i>Penstemon whippleanus</i>                       | Native                 | -                              |
| Plantaginaceae          | <i>Penstemon wilcoxii</i>                          | Native                 | -                              |
| Apiaceae                | <i>Perideridia gairdneri</i>                       | Native                 | 4                              |
| Asteraceae              | <i>Petasites frigidus</i>                          | Native                 | 8                              |
| Asteraceae              | <i>Petasites frigidus</i> var. <i>frigidus</i>     | Native                 | 9                              |
| Asteraceae              | <i>Petasites frigidus</i> var. <i>sagittatus</i>   | Native                 | 8                              |
| Rosaceae                | <i>Petrosymum caespitosum</i>                      | Native                 | -                              |
| Hydrophyllaceae         | <i>Phacelia bakeri</i>                             | Unknown / Undetermined | -                              |
| Hydrophyllaceae         | <i>Phacelia franklinii</i>                         | Native                 | -                              |
| Hydrophyllaceae         | <i>Phacelia glandulosa</i>                         | Native                 | -                              |
| Hydrophyllaceae         | <i>Phacelia hastata</i>                            | Native                 | -                              |
| Hydrophyllaceae         | <i>Phacelia heterophylla</i>                       | Native                 | 3                              |
| Hydrophyllaceae         | <i>Phacelia incana</i>                             | Native                 | -                              |
| Hydrophyllaceae         | <i>Phacelia ivesiana</i>                           | Native                 | -                              |
| Hydrophyllaceae         | <i>Phacelia linearis</i>                           | Native                 | -                              |
| Hydrophyllaceae         | <i>Phacelia lyallii</i>                            | Native                 | -                              |
| Hydrophyllaceae         | <i>Phacelia scopolina</i>                          | Native                 | -                              |
| Hydrophyllaceae         | <i>Phacelia sericea</i>                            | Native                 | -                              |
| Hydrophyllaceae         | <i>Phacelia thermalis</i>                          | Native                 | -                              |
| Poaceae                 | <i>Phalaris arundinacea</i>                        | Native/Exotic          | 0                              |
| Poaceae                 | <i>Phalaris canariensis</i>                        | Exotic                 | 1                              |
| <b>Thelypteridaceae</b> | <b><i>Phegopteris connectilis</i></b>              | <b>Native</b>          | <b>6</b>                       |
| Hydrangeaceae           | <i>Philadelphus lewisii</i>                        | Native                 | -                              |
| Poaceae                 | <i>Phippsia algida</i>                             | Native                 | 10                             |
| Poaceae                 | <i>Phleum alpinum</i>                              | Native                 | 7                              |
| Poaceae                 | <i>Phleum pratense</i>                             | Exotic                 | 0                              |
| Polemoniaceae           | <i>Phlox albomarginata</i>                         | Native                 | -                              |
| Polemoniaceae           | <i>Phlox alyssifolia</i>                           | Native                 | -                              |
| Polemoniaceae           | <i>Phlox andicola</i>                              | Native                 | -                              |

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|------------------|---|------------------------|--------------------------------|
| Polemoniaceae    | <i>Phlox austromontana</i>                      | Native                 | -                              |
| Polemoniaceae    | <i>Phlox caespitosa</i>                         | Native                 | -                              |
| Polemoniaceae    | <i>Phlox diffusa</i>                            | Native                 | -                              |
| Polemoniaceae    | <i>Phlox hoodii</i>                             | Native                 | -                              |
| Polemoniaceae    | <i>Phlox kelseyi</i>                            | Native                 | 5                              |
| Polemoniaceae    | <i>Phlox kelseyi</i> ssp. <i>kelseyi</i>        | Native                 | -                              |
| Polemoniaceae    | <i>Phlox kelseyi</i> var. <i>missoulensis</i>   | Native                 | -                              |
| Polemoniaceae    | <i>Phlox longifolia</i>                         | Native                 | -                              |
| Polemoniaceae    | <i>Phlox multiflora</i>                         | Native                 | -                              |
| Polemoniaceae    | <i>Phlox muscoides</i>                          | Native                 | -                              |
| Polemoniaceae    | <i>Phlox pulvinata</i>                          | Native                 | -                              |
| Polemoniaceae    | <i>Phlox speciosa</i>                           | Native                 | -                              |
| Poaceae          | <i>Phragmites australis</i>                     | Native                 | 4                              |
| Ericaceae        | <i>Phylodoce empetriformis</i>                  | Native                 | 7                              |
| Ericaceae        | <i>Phylodoce glanduliflora</i>                  | Native                 | 7                              |
| Ericaceae        | <i>Phylodoce x intermedia</i>                   | Native                 | -                              |
| Solanaceae       | <i>Physalis hederifolia</i>                     | Unknown / Undetermined | -                              |
| Solanaceae       | <i>Physalis heterophylla</i>                    | Native                 | -                              |
| Solanaceae       | <i>Physalis longifolia</i>                      | Native                 | -                              |
| Solanaceae       | <i>Physalis pumila</i> ssp. <i>hispida</i>      | Unknown / Undetermined | -                              |
| Brassicaceae     | <i>Physaria acutifolia</i>                      | Native                 | -                              |
| Brassicaceae     | <i>Physaria arenosa</i>                         | Native                 | -                              |
| Brassicaceae     | <i>Physaria brassicoides</i>                    | Native                 | -                              |
| Brassicaceae     | <i>Physaria carinata</i>                        | Native                 | -                              |
| Brassicaceae     | <i>Physaria curvipes</i>                        | Native                 | -                              |
| Brassicaceae     | <i>Physaria didymocarpa</i>                     | Native                 | -                              |
| Brassicaceae     | <i>Physaria didymocarpa</i> var. <i>lanata</i>  | Native                 | -                              |
| Brassicaceae     | <i>Physaria douglasii</i>                       | Native                 | -                              |
| Brassicaceae     | <i>Physaria eriocarpa</i>                       | Native                 | -                              |
| Brassicaceae     | <i>Physaria geyeri</i>                          | Native                 | -                              |
| Brassicaceae     | <i>Physaria humilis</i>                         | Native                 | -                              |
| Brassicaceae     | <i>Physaria klausii</i>                         | Native                 | -                              |
| Brassicaceae     | <i>Physaria lesicci</i>                         | Native                 | -                              |
| Brassicaceae     | <i>Physaria ludoviciana</i>                     | Native                 | -                              |
| Brassicaceae     | <i>Physaria pachyphylla</i>                     | Native                 | -                              |
| Brassicaceae     | <i>Physaria pulchella</i>                       | Native                 | -                              |
| Brassicaceae     | <i>Physaria pycnantha</i>                       | Native                 | -                              |
| Brassicaceae     | <i>Physaria saximontana</i>                     | Native                 | -                              |
| Brassicaceae     | <i>Physaria saximontana</i> var. <i>dentata</i> | Native                 | -                              |
| Brassicaceae     | <i>Physaria spatulata</i>                       | Native                 | -                              |
| Rosaceae         | <i>Physocarpus malvaceus</i>                    | Native                 | -                              |
| Rosaceae         | <i>Physocarpus monogynus</i>                    | Native                 | -                              |
| Lamiaceae        | <i>Physostegia parviflora</i>                   | Native                 | 7                              |
| Pinaceae         | <i>Picea engelmannii</i>                        | Native                 | 4                              |
| Pinaceae         | <b><i>Picea glauca</i></b>                      | <b>Native</b>          | <b>insuff. info.</b>           |
| Asteraceae       | <i>Picradeniopsis oppositifolia</i>             | Native                 | -                              |
| Apiaceae         | <i>Pimpinella saxifraga</i>                     | Exotic                 | 1                              |
| Lentibulariaceae | <i>Pinguicula macroceras</i>                    | Native                 | 9                              |
| Pinaceae         | <i>Pinus albicaulis</i>                         | Native                 | -                              |
| Pinaceae         | <i>Pinus contorta</i>                           | Native                 | 3                              |
| Pinaceae         | <i>Pinus flexilis</i>                           | Native                 | -                              |

| FAMILY NAME    | SCIENTIFIC NAME <sup>1</sup>   | ORIGIN                 | 2015/2016 C-VALUE <sup>3</sup> |
|----------------|--|------------------------|--------------------------------|
| Pinaceae       | <b>Pinus monticola</b>   | Native                 | <b>6</b>                       |
| Pinaceae       | <b>Pinus ponderosa</b>   | Native                 | <b>4</b>                       |
| Orchidaceae    | Piperia elegans  | Native                 | -                              |
| Orchidaceae    | Piperia elongata   | Native                 | -                              |
| Orchidaceae    | Piperia unalascensis   | Native                 | 6                              |
| Boraginaceae   | Plagiobothrys leptocladus  | Native                 | 6                              |
| Boraginaceae   | Plagiobothrys scouleri   | Native                 | 2                              |
| Boraginaceae   | <b>Plagiobothrys stipitatus</b>  | Unknown / Undetermined | insuff. info.                  |
| Plantaginaceae | <b>Plantago australis</b> <sup>2</sup>   |                        | absent                         |
| Plantaginaceae | Plantago canescens   | Native                 | -                              |
| Plantaginaceae | Plantago elongata  | Native                 | 3                              |
| Plantaginaceae | Plantago eriopoda  | Native                 | 7                              |
| Plantaginaceae | Plantago hirtella  | Exotic                 | 1                              |
| Plantaginaceae | Plantago lanceolata  | Exotic                 | 1                              |
| Plantaginaceae | Plantago major   | Exotic                 | 1                              |
| Plantaginaceae | Plantago patagonica  | Native                 | -                              |
| Plantaginaceae | Plantago tweedyi   | Native                 | -                              |
| Orchidaceae    | Platanthera aquilonis  | Native                 | 8                              |
| Orchidaceae    | Platanthera dilatata<br>Piperia dilatata <sup>2</sup>                                    | Native                 | 5                              |
| Orchidaceae    | Platanthera huronensis   | Native                 | 8                              |
| Orchidaceae    | Platanthera obtusata   | Native                 | 10                             |
| Orchidaceae    | Platanthera orbiculata   | Native                 | 9                              |
| Orchidaceae    | <b>Platanthera sparsiflora</b> <sup>2</sup>  |                        | absent                         |
| Orchidaceae    | Platanthera stricta  | Native                 | 7                              |
| Asteraceae     | Platyschkuhria integrifolia  | Native                 | -                              |
| Valerianaceae  | Plectritis macrocera   | Native                 | -                              |
| Asteraceae     | Pleiacanthus spinosus  | Native                 | -                              |
| Poaceae        | <b>Poa abbreviata</b> ssp. <i>pattersonii</i><br>syn. <i>Poa abbreviata</i> <sup>2</sup> | Native                 | <b>4</b>                       |
| Poaceae        | Poa alpina   | Native                 | 5                              |
| Poaceae        | Poa annua  | Exotic                 | 1                              |
| Poaceae        | Poa arctica  | Native                 | 4                              |
| Poaceae        | Poa arida  | Native                 | 4                              |
| Poaceae        | Poa arnowiae   | Native                 | -                              |
| Poaceae        | Poa bulbosa  | Exotic                 | 0                              |
| Poaceae        | Poa compressa  | Exotic                 | 0                              |
| Poaceae        | Poa cusickii   | Native                 | -                              |
| Poaceae        | Poa fendleriana  | Native                 | -                              |
| Poaceae        | Poa glauca   | Native                 | -                              |
| Poaceae        | Poa interior   | Native                 | 3                              |
| Poaceae        | Poa laxa ssp. <i>banffiana</i>   | Native                 | -                              |
| Poaceae        | Poa leptocoma  | Native                 | 8                              |
| Poaceae        | Poa lettermanii  | Native                 | -                              |
| Poaceae        | Poa palustris  | Native/Exotic          | 3                              |
| Poaceae        | Poa pratensis  | Exotic                 | 0                              |
| Poaceae        | Poa reflexa  | Native                 | 3                              |
| Poaceae        | Poa secunda  | Native                 | 3                              |
| Poaceae        | Poa stenantha  | Native                 | 4                              |
| Poaceae        | Poa trivialis  | Exotic                 | 1                              |
| Poaceae        | Poa wheeleri   | Native                 | -                              |
| Cleomaceae     | <b>Polanisia dodecandra</b>  | Native                 | <b>4</b>                       |

| FAMILY NAME            | SCIENTIFIC NAME <sup>1</sup>   | ORIGIN                    | 2015/2016 C-VALUE <sup>3</sup> |
|------------------------|--|---------------------------|--------------------------------|
| <b>Polemoniaceae</b>   | <b>Polemonium micranthum</b>   | <b>Native</b>             | <b>3</b>                       |
| Polemoniaceae          | Polemonium occidentale   | Native                    | 6                              |
| Polemoniaceae          | Polemonium pulcherrimum  | Native                    | -                              |
| Polemoniaceae          | Polemonium viscosum  | Native                    | -                              |
| Polygalaceae           | Polygala alba  | Native                    | -                              |
| <b>Polygalaceae</b>    | <b>Polygala verticillata</b>   | <b>Native</b>             | <b>4</b>                       |
| <b>Polygonaceae</b>    | <b>Polygonum achoreum</b>  | <b>Native</b>             | <b>2</b>                       |
| Polygonaceae           | Polygonum amphibium<br>syn. Persicaria amphibia <sup>2</sup>         | Native                    | 6                              |
| <b>Polygonaceae</b>    | <b>Polygonum austiniae</b>   | <b>Native</b>             | <b>6</b>                       |
| Polygonaceae           | Polygonum aviculare  | Exotic                    | 0                              |
| Polygonaceae           | Polygonum bistortoides<br>Bistorta bistortoides <sup>2</sup>         | Native                    | 6                              |
| Polygonaceae           | Polygonum convolvulus  | Exotic                    | 0                              |
| Polygonaceae           | Polygonum cuspidatum   | Exotic                    | 0                              |
| Polygonaceae           | Polygonum douglasii  | Native                    | 3                              |
| <b>Polygonaceae</b>    | <b>Polygonum engelmannii</b>   | <b>Native</b>             | <b>4</b>                       |
| Polygonaceae           | Polygonum erectum  | Native                    | 2                              |
| Polygonaceae           | Polygonum hydropiper<br>syn. Persicaria hydropiper <sup>2</sup>      | Exotic                    | 1                              |
| Polygonaceae           | Polygonum lapathifolium<br>syn. Persicaria lapathifolia <sup>2</sup> | Unknown /<br>Undetermined | 2                              |
| <b>Polygonaceae</b>    | <b>Polygonum majus</b>   | <b>Native</b>             | <b>3</b>                       |
| Polygonaceae           | Polygonum minimum  | Native                    | 5                              |
| Polygonaceae           | Polygonum pensylvanicum<br>syn. Persicaria pensylvanica <sup>2</sup> | Unknown /<br>Undetermined | -                              |
| Polygonaceae           | Polygonum persicaria   | Exotic                    | 1                              |
| Polygonaceae           | Polygonum phytolaccifolium   | Native                    | 3                              |
| Polygonaceae           | Polygonum polygaloides   | Native                    | 4                              |
| Polygonaceae           | Polygonum polygaloides ssp. confertiflorum                           | Native                    | -                              |
| Polygonaceae           | Polygonum polygaloides ssp. kelloggii                                | Native                    | -                              |
| Polygonaceae           | Polygonum punctatum<br>syn. Persicaria punctata <sup>2</sup>         | Native                    | 4                              |
| <b>Polygonaceae</b>    | <b>Polygonum ramosissimum</b>  | <b>Native</b>             | <b>3</b>                       |
| Polygonaceae           | Polygonum sachalinense   | Exotic                    | -                              |
| <b>Polygonaceae</b>    | <b>Polygonum sawatchense</b>   | <b>Native</b>             | <b>insuff. info.</b>           |
| <b>Polygonaceae</b>    | <b>Polygonum spargulariiforme</b>                                    | <b>Native</b>             | <b>insuff. info.</b>           |
| Polygonaceae           | Polygonum viviparum<br>Bistorta vivipara <sup>2</sup>                | Native                    | 7                              |
| Polygonaceae           | Polygonum x bohemicum  | Exotic                    | 0                              |
| Polypodiaceae          | Polypodium hesperium   | Native                    | -                              |
| Poaceae                | Polypogon monspeliensis  | Exotic                    | 1                              |
| Dryopteridaceae        | Polystichum andersonii   | Native                    | -                              |
| Dryopteridaceae        | Polystichum kruckebergii   | Native                    | -                              |
| Dryopteridaceae        | Polystichum lonchitis  | Native                    | -                              |
| <b>Dryopteridaceae</b> | <b>Polystichum munitum</b>   | <b>Native</b>             | <b>9</b>                       |
| Dryopteridaceae        | Polystichum scopolinum   | Native                    | -                              |
| Salicaceae             | Populus alba   | Exotic                    | 1                              |
| Salicaceae             | Populus angustifolia   | Native                    | 5                              |
| Salicaceae             | Populus balsamifera  | Native                    | 5                              |
| Salicaceae             | Populus deltoides  | Native                    | 4                              |
| Salicaceae             | Populus tremuloides  | Native                    | 5                              |
| Salicaceae             | Populus x acuminata  | Native                    | 5                              |

| FAMILY NAME      | SCIENTIFIC NAME <sup>1</sup>   | ORIGIN                    | 2015/2016 C-VALUE <sup>3</sup> |
|------------------|--|---------------------------|--------------------------------|
| Salicaceae       | <i>Populus x brayshawii</i>  | Native                    | -                              |
| Portulacaceae    | <i>Portulaca oleracea</i>  | Exotic                    | 1                              |
| Potamogetonaceae | <i>Potamogeton alpinus</i>   | Native                    | 7                              |
| Potamogetonaceae | <i>Potamogeton amplifolius</i>   | Native                    | 10                             |
| Potamogetonaceae | <i>Potamogeton crispus</i>   | Exotic                    | 0                              |
| Potamogetonaceae | <i>Potamogeton diversifolius</i>   | Native                    | 6                              |
| Potamogetonaceae | <i>Potamogeton epihydrus</i>   | Native                    | 7                              |
| Potamogetonaceae | <i>Potamogeton filiformis</i>  | Native                    | 6                              |
| Potamogetonaceae | <i>Potamogeton foliosus</i>  | Native                    | 6                              |
| Potamogetonaceae | <i>Potamogeton friesii</i>   | Native                    | 7                              |
| Potamogetonaceae | <i>Potamogeton gramineus</i>   | Native                    | 6                              |
| Potamogetonaceae | <i>Potamogeton illinoensis</i>   | Native                    | 6                              |
| Potamogetonaceae | <i>Potamogeton natans</i>  | Native                    | 6                              |
| Potamogetonaceae | <i>Potamogeton nodosus</i>   | Native                    | 6                              |
| Potamogetonaceae | <i>Potamogeton obtusifolius</i>  | Native                    | 8                              |
| Potamogetonaceae | <i>Potamogeton pectinatus</i>  | Native                    | 5                              |
| Potamogetonaceae | <i>Potamogeton paelongus</i>   | Native                    | 6                              |
| Potamogetonaceae | <i>Potamogeton pusillus</i>  | Native                    | 7                              |
| Potamogetonaceae | <i>Potamogeton richardsonii</i>  | Native                    | 6                              |
| Potamogetonaceae | <i>Potamogeton robbinsii</i>   | Native                    | 7                              |
| Potamogetonaceae | <i>Potamogeton strictifolius</i>   | Native                    | 7                              |
| Potamogetonaceae | <i>Potamogeton vaginatus</i>   | Native                    | 7                              |
| Potamogetonaceae | <i>Potamogeton zosteriformis</i>   | Native                    | 9                              |
| Rosaceae         | <i>Potentilla argentea</i>   | Exotic                    | 1                              |
| Rosaceae         | <i>Potentilla biennis</i>  | Native                    | 4                              |
| Rosaceae         | <i>Potentilla bipinnatifida</i>  | Native                    | -                              |
| Rosaceae         | <i>Potentilla brevifolia</i>   | Native                    | -                              |
| Rosaceae         | <i>Potentilla concinna</i>   | Native                    | -                              |
| Rosaceae         | <i>Potentilla concinna</i> var. <i>concinna</i>  | Native                    | -                              |
| Rosaceae         | <i>Potentilla concinna</i> var. <i>divisa</i>  | Native                    | -                              |
| Rosaceae         | <i>Potentilla diversifolia</i>   | Native                    | 6                              |
| Rosaceae         | <i>Potentilla diversifolia</i> var. <i>diversifolia</i>  | Native                    | -                              |
| Rosaceae         | <i>Potentilla diversifolia</i> var. <i>perdissecta</i>   | Native                    | -                              |
| <b>Rosaceae</b>  | <b><i>Potentilla drummondii</i></b>  | <b>Native</b>             | <b>insuff. info.</b>           |
| Rosaceae         | <i>Potentilla flabellifolia</i>  | Native                    | 8                              |
| Rosaceae         | <i>Potentilla fruticosa</i><br>syn. <i>Dasiphora fruticosa</i> <sup>2</sup> ,<br><i>Pentaphylloides floribunda</i> | Native                    | 3                              |
| Rosaceae         | <i>Potentilla gracilis</i>   | Native                    | 4                              |
| Rosaceae         | <i>Potentilla gracilis</i> var. <i>brunnescens</i>   | Native                    | -                              |
| Rosaceae         | <i>Potentilla gracilis</i> var. <i>elmeri</i>  | Native                    | -                              |
| Rosaceae         | <i>Potentilla gracilis</i> var. <i>fastigiata</i>  | Native                    | -                              |
| Rosaceae         | <i>Potentilla gracilis</i> var. <i>flabelliformis</i>  | Native                    | -                              |
| Rosaceae         | <i>Potentilla gracilis</i> var. <i>pulcherrima</i>   | Native                    | -                              |
| Rosaceae         | <i>Potentilla hippiana</i>   | Native                    | -                              |
| Rosaceae         | <i>Potentilla hookeriana</i>   | Native                    | -                              |
| Rosaceae         | <i>Potentilla hyparctica</i>   | Native                    | -                              |
| Rosaceae         | <i>Potentilla macounii</i>   | Native                    | -                              |
| Rosaceae         | <i>Potentilla multisecta</i>   | Native                    | -                              |
| Rosaceae         | <i>Potentilla nivea</i>  | Native                    | -                              |
| Rosaceae         | <i>Potentilla nivea</i> var. <i>pentaphylla</i>  | Native                    | -                              |
| Rosaceae         | <i>Potentilla norvegica</i>  | Unknown /<br>Undetermined | 2                              |

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|-------------------------|--|---------------------------|-----------------------------------|
| Rosaceae                | <i>Potentilla ovina</i>                                | Native                    | -                                 |
| Rosaceae                | <i>Potentilla paradoxa</i>                             | Native                    | 5                                 |
| <b>Rosaceae</b>         | <b><i>Potentilla pensylvanica</i></b>                  | <b>Native</b>             | <b>4</b>                          |
| Rosaceae                | <i>Potentilla plattensis</i>                           | Native                    | 6                                 |
| Rosaceae                | <i>Potentilla recta</i>                                | Exotic                    | 0                                 |
| Rosaceae                | <i>Potentilla rivalis</i>                              | Native                    | 4                                 |
| <b>Rosaceae</b>         | <b><i>Potentilla rubricaulis</i></b>                   | <b>Native</b>             | <b>insuff. info.</b>              |
| Rosaceae                | <i>Potentilla uniflora</i>                             | Native                    | -                                 |
| Asteraceae              | <i>Prenanthes racemosa</i>                             | Unknown /<br>Undetermined | -                                 |
| Asteraceae              | <i>Prenanthes sagittata</i>                            | Native                    | -                                 |
| Primulaceae             | <i>Primula alcalina</i>                                | Native                    | 6                                 |
| Primulaceae             | <i>Primula incana</i>                                  | Native                    | 5                                 |
| Primulaceae             | <i>Primula parryi</i>                                  | Native                    | 8                                 |
| Liliaceae               | <i>Prosartes hookeri</i>                               | Native                    | -                                 |
| <b>Liliaceae</b>        | <b><i>Prosartes trachycarpa</i></b>                    | <b>Native</b>             | <b>4</b>                          |
| Lamiaceae               | <i>Prunella vulgaris</i>                               | Native/Exotic             | -                                 |
| Lamiaceae               | <i>Prunella vulgaris</i> ssp. <i>lanceolata</i>        | Native                    | 2                                 |
| Lamiaceae               | <i>Prunella vulgaris</i> ssp. <i>vulgaris</i>          | Exotic                    | 0                                 |
| <b>Rosaceae</b>         | <b><i>Prunus americana</i></b>                         | <b>Native</b>             | <b>4</b>                          |
| Rosaceae                | <i>Prunus cerasus</i>                                  | Exotic                    | 1                                 |
| Rosaceae                | <i>Prunus emarginata</i>                               | Native                    | 5                                 |
| Rosaceae                | <i>Prunus mahaleb</i>                                  | Exotic                    | 1                                 |
| <b>Rosaceae</b>         | <b><i>Prunus pensylvanica</i></b>                      | <b>Native</b>             | <b>4</b>                          |
| Rosaceae                | <i>Prunus pumila</i>                                   | Native                    | -                                 |
| Rosaceae                | <i>Prunus virginiana</i>                               | Native                    | 3                                 |
| <b>Pinaceae</b>         | <b><i>Pseudotsuga menziesii</i></b>                    | <b>Native</b>             | <b>4</b>                          |
| Asteraceae              | <i>Psilocarphus brevissimus</i>                        | Native                    | 8                                 |
| <b>Asteraceae</b>       | <b><i>Psilocarphus elatior</i></b>                     | <b>Native</b>             | <b>3</b>                          |
| <b>Asteraceae</b>       | <b><i>Psilocarphus tenellus</i></b>                    | <b>Native</b>             | <b>3</b>                          |
| Fabaceae                | <i>Psoralidium lanceolatum</i>                         | Native                    | -                                 |
| Fabaceae                | <i>Psoralidium tenuiflorum</i>                         | Native                    | -                                 |
| <b>Dennstaedtiaceae</b> | <b><i>Pteridium aquilinum</i></b>                      | <b>Native</b>             | <b>3</b>                          |
| Ericaceae               | <i>Pterospora andromedea</i>                           | Native                    | -                                 |
| Poaceae                 | <i>Puccinellia distans</i>                             | Exotic                    | 1                                 |
| Poaceae                 | <i>Puccinellia lemmonii</i>                            | Native                    | 7                                 |
| Poaceae                 | <i>Puccinellia nuttalliana</i>                         | Native                    | 6                                 |
| Rosaceae                | <i>Purshia tridentata</i>                              | Native                    | -                                 |
| Ericaceae               | <i>Pyrola asarifolia</i>                               | Native                    | 6                                 |
| Ericaceae               | <i>Pyrola chlorantha</i>                               | Native                    | 8                                 |
| <b>Ericaceae</b>        | <b><i>Pyrola elliptica</i></b>                         | <b>Native</b>             | <b>5</b>                          |
| <b>Ericaceae</b>        | <b><i>Pyrola minor</i></b>                             | <b>Native</b>             | <b>7</b>                          |
| Ericaceae               | <i>Pyrola picta</i>                                    | Native                    | -                                 |
| Asteraceae              | <i>Pyrrocoma carthamoides</i>                          | Native                    | -                                 |
| Asteraceae              | <i>Pyrrocoma carthamoides</i> var. <i>carthamoides</i> | Native                    | -                                 |
| Asteraceae              | <i>Pyrrocoma carthamoides</i> var. <i>subsquarrosa</i> | Native                    | -                                 |
| Asteraceae              | <i>Pyrrocoma integrifolia</i>                          | Native                    | 4                                 |
| Asteraceae              | <i>Pyrrocoma lanceolata</i>                            | Native                    | 4                                 |
| Asteraceae              | <i>Pyrrocoma uniflora</i>                              | Native                    | 6                                 |
| <b>Fagaceae</b>         | <b><i>Quercus macrocarpa</i></b>                       | <b>Native</b>             | <b>6</b>                          |
| Ranunculaceae           | <i>Ranunculus abortivus</i>                            | Native                    | 3                                 |
| Ranunculaceae           | <i>Ranunculus acriformis</i>                           | Native                    | 6                                 |
| Ranunculaceae           | <i>Ranunculus acris</i>                                | Exotic                    | 0                                 |

| FAMILY NAME            | SCIENTIFIC NAME <sup>1</sup>                              | ORIGIN                 | 2015/2016<br>C-VALUE <sup>3</sup> |
|------------------------|---|------------------------|-----------------------------------|
| Ranunculaceae          | <i>Ranunculus adoneus</i>                                 | Unknown / Undetermined | -                                 |
| Ranunculaceae          | <i>Ranunculus alismifolius</i>                            | Native                 | 7                                 |
| Ranunculaceae          | <i>Ranunculus alismifolius</i> var. <i>alismellus</i>     | Native                 | -                                 |
| Ranunculaceae          | <i>Ranunculus alismifolius</i> var. <i>alismifolius</i>   | Native                 | -                                 |
| Ranunculaceae          | <i>Ranunculus alismifolius</i> var. <i>davisii</i>        | Native                 | -                                 |
| <b>Ranunculaceae</b>   | <b><i>Ranunculus aquatilis</i></b>                        | Native                 | <b>4</b>                          |
|                        | <b><i>syn. Ranunculus longirostris</i><sup>2</sup></b>    |                        |                                   |
| <b>Ranunculaceae</b>   | <b><i>syn. Ranunculus trichophyllus</i><sup>2</sup></b>   | Native                 | <b>4</b>                          |
|                        | <i>Ranunculus cardiophyllus</i>                           |                        | 9                                 |
| Ranunculaceae          | <i>Ranunculus cymbalaria</i>                              | Native                 | 3                                 |
| Ranunculaceae          | <i>Ranunculus eschscholtzii</i>                           | Native                 | 7                                 |
| Ranunculaceae          | <i>Ranunculus eschscholtzii</i> var. <i>eschscholtzii</i> | Native                 | -                                 |
| Ranunculaceae          | <i>Ranunculus eschscholtzii</i> var. <i>eximius</i>       | Native                 | -                                 |
| Ranunculaceae          | <i>Ranunculus eschscholtzii</i> var. <i>suksdorffii</i>   | Native                 | -                                 |
| Ranunculaceae          | <i>Ranunculus flammula</i>                                | Native                 | 4                                 |
| Ranunculaceae          | <i>Ranunculus glaberrimus</i>                             | Native                 | 4                                 |
| Ranunculaceae          | <i>Ranunculus glaberrimus</i> var. <i>ellipticus</i>      | Native                 | -                                 |
| Ranunculaceae          | <i>Ranunculus glaberrimus</i> var. <i>glaberrimus</i>     | Native                 | -                                 |
| Ranunculaceae          | <i>Ranunculus gmelinii</i>                                | Native                 | 4                                 |
| Ranunculaceae          | <i>Ranunculus grayi</i>                                   | Native                 | 9                                 |
| Ranunculaceae          | <i>Ranunculus hyperboreus</i>                             | Native                 | 9                                 |
| Ranunculaceae          | <i>Ranunculus inamoenus</i>                               | Native                 | 6                                 |
| Ranunculaceae          | <i>Ranunculus jovis</i>                                   | Native                 | 4                                 |
| Ranunculaceae          | <i>Ranunculus macounii</i>                                | Native                 | 5                                 |
| Ranunculaceae          | <i>Ranunculus orthorhynchus</i>                           | Native                 | 8                                 |
| Ranunculaceae          | <i>Ranunculus pedatifidus</i>                             | Native                 | 9                                 |
| Ranunculaceae          | <i>Ranunculus pensylvanicus</i>                           | Native                 | 4                                 |
| Ranunculaceae          | <i>Ranunculus populago</i>                                | Native                 | 7                                 |
| Ranunculaceae          | <i>Ranunculus pygmaeus</i>                                | Native                 | 9                                 |
| Ranunculaceae          | <i>Ranunculus repens</i>                                  | Exotic                 | 1                                 |
| Ranunculaceae          | <i>Ranunculus rhomboideus</i>                             | Unknown / Undetermined | -                                 |
| Ranunculaceae          | <i>Ranunculus sceleratus</i>                              | Native                 | 4                                 |
| <b>Ranunculaceae</b>   | <b><i>Ranunculus sulphureus</i></b>                       | <b>Native</b>          | <b>7</b>                          |
| Ranunculaceae          | <i>Ranunculus testiculatus</i>                            | Exotic                 | 0                                 |
| Ranunculaceae          | <i>Ranunculus uncinatus</i>                               | Native                 | 2                                 |
| Brassicaceae           | <i>Raphanus raphanistrum</i>                              | Exotic                 | 1                                 |
| Brassicaceae           | <i>Raphanus sativus</i>                                   | Exotic                 | 1                                 |
| Asteraceae             | <i>Ratibida columnifera</i>                               | Native                 | -                                 |
| Resedaceae             | <i>Reseda lutea</i>                                       | Exotic                 | 1                                 |
| Rhamnaceae             | <i>Rhamnus alnifolia</i>                                  | Native                 | 4                                 |
| Rhamnaceae             | <i>Rhamnus cathartica</i>                                 | Exotic                 | 0                                 |
| <b>Orobanchaceae</b>   | <b><i>Rhinanthus minor</i></b>                            | <b>Native</b>          | <b>3</b>                          |
| Ericaceae              | <i>Rhododendron albiflorum</i>                            | Native                 | 8                                 |
| Anacardiaceae          | <i>Rhus glabra</i>  | Native                 | -                                 |
| Anacardiaceae          | <i>Rhus trilobata</i>                                     | Native                 | -                                 |
| Grossulariaceae        | <i>Ribes americanum</i>                                   | Native                 | 6                                 |
| Grossulariaceae        | <i>Ribes aureum</i>                                       | Native                 | 5                                 |
| Grossulariaceae        | <i>Ribes cereum</i>                                       | Native                 | -                                 |
| <b>Grossulariaceae</b> | <b><i>Ribes hirtellum</i></b>                             |                        | <b>absent</b>                     |
| Grossulariaceae        | <i>Ribes hudsonianum</i>                                  | Native                 | 7                                 |
| Grossulariaceae        | <i>Ribes inerme</i>                                       | Native                 | 5                                 |

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|------------------------|---------------------------------------|------------------------|--------------------------------|
| Grossulariaceae        | Ribes lacustre                        | Native                 | 6                              |
| <b>Grossulariaceae</b> | <b>Ribes laxiflorum</b>               | <b>Native</b>          | <b>NA</b>                      |
| Grossulariaceae        | Ribes montigenum                      | Native                 | -                              |
| Grossulariaceae        | Ribes oxyacanthoides                  | Native                 | 6                              |
| Grossulariaceae        | Ribes oxyacanthoides ssp. hendersonii | Native                 | 7                              |
| Grossulariaceae        | Ribes oxyacanthoides ssp. irriguum    | Native                 | 4                              |
| Grossulariaceae        | Ribes oxyacanthoides ssp. setosum     | Native                 | 3                              |
| Grossulariaceae        | Ribes rubrum                          | Exotic                 | 1                              |
| Grossulariaceae        | Ribes triste                          | Native                 | 7                              |
| Grossulariaceae        | Ribes viscosissimum                   | Native                 | 4                              |
| Fabaceae               | Robinia pseudoacacia                  | Exotic                 | 1                              |
| Hydrophyllaceae        | Romanzoffia sitchensis                | Native                 | 10                             |
| Brassicaceae           | Rorippa alpina                        | Native                 | 4                              |
| Brassicaceae           | Rorippa austriaca                     | Exotic                 | 1                              |
| <b>Brassicaceae</b>    | <b>Rorippa calycina</b>               | <b>Native</b>          | <b>insuff. info.</b>           |
| Brassicaceae           | Rorippa curvipes                      | Native                 | 4                              |
| Brassicaceae           | Rorippa curvisiliqua                  | Native                 | 4                              |
| Brassicaceae           | Rorippa microphylla                   | Exotic                 | 1                              |
| Brassicaceae           | Rorippa nasturtium-aquaticum          | Exotic                 | 0                              |
| Brassicaceae           | Rorippa palustris                     | Native                 | 4                              |
| Brassicaceae           | Rorippa palustris ssp. hispida        | Native                 | -                              |
| Brassicaceae           | Rorippa palustris ssp. occidentalis   | Native                 | -                              |
| Brassicaceae           | Rorippa palustris var. fernaldiana    | Native                 | -                              |
| Brassicaceae           | Rorippa sinuata                       | Native                 | 4                              |
| Brassicaceae           | Rorippa sylvestris                    | Exotic                 | 1                              |
| Brassicaceae           | Rorippa tenerima                      | Native                 | 4                              |
| Brassicaceae           | Rorippa truncata                      | Native                 | 4                              |
| <b>Rosaceae</b>        | <b>Rosa acicularis</b>                | <b>Native</b>          | <b>4</b>                       |
| Rosaceae               | Rosa arkansana                        | Native                 | 4                              |
| Rosaceae               | Rosa blanda                           | Unknown / Undetermined | NA                             |
| <b>Rosaceae</b>        | <b>Rosa gymnocarpa</b>                | <b>Native</b>          | <b>5</b>                       |
| Rosaceae               | Rosa nutkana                          | Native                 | 5                              |
| <b>Rosaceae</b>        | <b>Rosa woodsii</b>                   | <b>Native</b>          | <b>3</b>                       |
| Lythraceae             | Rotala ramosior                       | Native                 | 3                              |
| Rosaceae               | Rubus arcticus                        | Native                 | 10                             |
| Rosaceae               | Rubus discolor                        | Exotic                 | 0                              |
| <b>Rosaceae</b>        | <b>Rubus idaeus</b>                   | <b>Native</b>          | <b>4</b>                       |
| Rosaceae               | Rubus idaeus ssp. idaeus              | Native                 | -                              |
| Rosaceae               | Rubus idaeus ssp. strigosus           | Native                 | -                              |
| Rosaceae               | Rubus laciniatus                      | Exotic                 | 1                              |
| Rosaceae               | Rubus leucodermis                     | Native                 | 5                              |
| Rosaceae               | Rubus parviflorus                     | Native                 | 3                              |
| <b>Rosaceae</b>        | <b>Rubus pedatus</b>                  | <b>Native</b>          | <b>9</b>                       |
| Rosaceae               | Rubus pubescens                       | Native                 | 7                              |
| <b>Rosaceae</b>        | <b>Rubus ursinus</b>                  | <b>Native</b>          | <b>4</b>                       |
| Asteraceae             | Rudbeckia hirta                       | Likely Exotic          | 1                              |
| Asteraceae             | Rudbeckia laciniata                   | Native                 | 5                              |
| Asteraceae             | Rudbeckia occidentalis                | Native                 | 7                              |
| Polygonaceae           | Rumex acetosa                         | Unknown / Undetermined | 9                              |
| Polygonaceae           | Rumex acetosella                      | Exotic                 | 1                              |
| <b>Polygonaceae</b>    | <b>Rumex britannica</b>               |                        | <b>absent</b>                  |

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|------------------------|---|---------------|--------------------------------|
| Polygonaceae           | <i>Rumex crispus</i>  | Exotic        | 1                              |
| Polygonaceae           | <i>Rumex fueginus</i>   | Native        | 6                              |
| Polygonaceae           | <i>Rumex hymenosepalus</i>  | Native        | -                              |
| Polygonaceae           | <i>Rumex obtusifolius</i>   | Exotic        | 1                              |
| Polygonaceae           | <i>Rumex occidentalis</i>   | Native        | 4                              |
| Polygonaceae           | <i>Rumex patientia</i>  | Exotic        | 1                              |
| Polygonaceae           | <i>Rumex paucifolius</i>  | Native        | 4                              |
| Polygonaceae           | <i>Rumex salicifolius</i>   | Native        | 7                              |
| Polygonaceae           | <i>Rumex salicifolius</i> var. <i>montigenitus</i>                        | Native        | -                              |
| Polygonaceae           | <i>Rumex salicifolius</i> var. <i>triangulivalvis</i>                     | Native        | -                              |
| Polygonaceae           | <i>Rumex stenophyllus</i>   | Exotic        | 1                              |
| Polygonaceae           | <i>Rumex venosus</i>  | Native        | 3                              |
| Ruppiaceae             | <i>Ruppia maritima</i>  | Native        | 8                              |
| <b>Caryophyllaceae</b> | <b><i>Sagina nivalis</i></b>  | <b>Native</b> | <b>insuff. info.</b>           |
| Caryophyllaceae        | <i>Sagina procumbens</i>  | Exotic        | 1                              |
| Caryophyllaceae        | <i>Sagina saginoides</i>  | Native        | 3                              |
| Alismataceae           | <i>Sagittaria cuneata</i>   | Native        | 7                              |
| Alismataceae           | <i>Sagittaria latifolia</i>   | Native        | 7                              |
| Amaranthaceae          | <i>Salicornia rubra</i>   | Native        | 7                              |
| Salicaceae             | <i>Salix amygdaloides</i>   | Native        | 7                              |
| Salicaceae             | <i>Salix arctica</i>  | Native        | 7                              |
| Salicaceae             | <i>Salix barclayi</i>   | Native        | 8                              |
| Salicaceae             | <i>Salix barrattiana</i>  | Native        | 10                             |
| Salicaceae             | <i>Salix bebbiana</i>   | Native        | 4                              |
| Salicaceae             | <i>Salix boothii</i>  | Native        | 6                              |
| Salicaceae             | <i>Salix brachycarpa</i>  | Native        | 6                              |
| Salicaceae             | <i>Salix candida</i>  | Native        | 9                              |
| <b>Salicaceae</b>      | <b><i>Salix cascadensis</i></b>   | <b>Native</b> | <b>insuff. info.</b>           |
| Salicaceae             | <i>Salix commutata</i>  | Native        | 7                              |
| Salicaceae             | <i>Salix discolor</i>   | Native        | 4                              |
| Salicaceae             | <i>Salix drummondiana</i>   | Native        | 5                              |
| Salicaceae             | <i>Salix eastwoodiae</i>  | Native        | 7                              |
| Salicaceae             | <i>Salix eriocephala</i>  | Native        | 4                              |
| Salicaceae             | <i>Salix eriocephala</i> var. <i>famelica</i>                             | Native        | -                              |
| Salicaceae             | <i>Salix eriocephala</i> var. <i>mackenzieana</i>                         | Native        | 7                              |
| Salicaceae             | <i>Salix eriocephala</i> var. <i>watsonii</i>                             | Native        | 6                              |
| Salicaceae             | <i>Salix exigua</i>   | Native        | 4                              |
| Salicaceae             | <i>Salix exigua</i> ssp. <i>exigua</i>                                    | Native        | -                              |
| Salicaceae             | <i>Salix exigua</i> ssp. <i>interior</i>                                  | Native        | -                              |
| Salicaceae             | <i>Salix farriae</i>  | Native        | 7                              |
| <b>Salicaceae</b>      | <b><i>Salix fragilis</i></b><br><b>syn. <i>Salix alba</i><sup>2</sup></b> | <b>Exotic</b> | <b>0</b>                       |
| Salicaceae             | <i>Salix geyeriana</i>  | Native        | 6                              |
| Salicaceae             | <i>Salix glauca</i>   | Native        | 7                              |
| Salicaceae             | <i>Salix lasiandra</i>  | Native        | 4                              |
| Salicaceae             | <i>Salix lasiandra</i> var. <i>caudata</i>                                | Native        | 5                              |
| Salicaceae             | <i>Salix lasiandra</i> var. <i>lasiandra</i>                              | Native        | -                              |
| Salicaceae             | <i>Salix lemmonii</i>   | Native        | 6                              |
| Salicaceae             | <i>Salix melanopsis</i>   | Native        | 5                              |
| <b>Salicaceae</b>      | <b><i>Salix monochrome</i><sup>2</sup></b>                                |               | <b>absent</b>                  |
| <b>Salicaceae</b>      | <b><i>Salix monticola</i><sup>2</sup></b>                                 |               | <b>absent</b>                  |
| <b>Salicaceae</b>      | <b><i>Salix myrtillifolia</i><sup>2</sup></b>                             |               | <b>absent</b>                  |
| Salicaceae             | <i>Salix pentandra</i>  | Exotic        | 0                              |

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|-----------------------|---|------------------------|-----------------------------------|
| Salicaceae            | <i>Salix petiolaris</i>   | Unknown / Undetermined | -                                 |
| Salicaceae            | <i>Salix planifolia</i>   | Native                 | 7                                 |
| Salicaceae            | <i>Salix pseudomonticola</i>  | Native                 | 7                                 |
| Salicaceae            | <i>Salix reticulata</i>   | Native                 | 5                                 |
| Salicaceae            | <i>Salix rotundifolia</i>   | Native                 | 8                                 |
| Salicaceae            | <i>Salix scouleriana</i>  | Native                 | 4                                 |
| Salicaceae            | <i>Salix serissima</i>  | Native                 | 9                                 |
| Salicaceae            | <i>Salix sitchensis</i>   | Native                 | 8                                 |
| Salicaceae            | <i>Salix tweedyi</i>  | Native                 | 7                                 |
| Salicaceae            | <i>Salix vestita</i>  | Native                 | 7                                 |
| Salicaceae            | <i>Salix wolffii</i>  | Native                 | 7                                 |
| Salicaceae            | <i>Salix wolffii</i> var. <i>idahoensis</i>                                       | Native                 | -                                 |
| Salicaceae            | <i>Salix wolffii</i> var. <i>wolffii</i>  | Native                 | -                                 |
| Amaranthaceae         | <i>Salsola collina</i>  | Exotic                 | 1                                 |
| Amaranthaceae         | <i>Salsola tragus</i>   | Exotic                 | 0                                 |
| Lamiaceae             | <i>Salvia nemorosa</i>  | Exotic                 | 1                                 |
| Lamiaceae             | <i>Salvia reflexa</i>   | Unknown / Undetermined | -                                 |
| Lamiaceae             | <i>Salvia sclarea</i>   | Exotic                 | 1                                 |
| Lamiaceae             | <i>Salvia x sylvestris</i>  | Exotic                 | 1                                 |
| Caprifoliaceae        | <i>Sambucus cerulea</i>   | Native                 | 4                                 |
| <b>Caprifoliaceae</b> | <b><i>Sambucus racemosa</i></b>   | <b>Native</b>          | <b>4</b>                          |
| Brassicaceae          | <i>Sandbergia perplexa</i>  | Native                 | -                                 |
| Rosaceae              | <i>Sanguisorba annua</i>  | Native                 | -                                 |
| Rosaceae              | <i>Sanguisorba minor</i>  | Exotic                 | 1                                 |
| Apiaceae              | <i>Sanicula graveolens</i>  | Native                 | -                                 |
| Apiaceae              | <i>Sanicula marilandica</i>   | Native                 | 5                                 |
| Caryophyllaceae       | <i>Saponaria officinalis</i>  | Exotic                 | 0                                 |
| Sarcobataceae         | <i>Sarcobatus vermiculatus</i>  | Native                 | 4                                 |
| Lamiaceae             | <i>Satureja acinos</i>  | Exotic                 | 1                                 |
| Lamiaceae             | <i>Satureja douglasii</i><br>syn. <i>Clinopodium douglasii</i>                    | Native                 | -                                 |
| Lamiaceae             | <i>Satureja vulgaris</i>  | Exotic                 | 1                                 |
| Asteraceae            | <i>Saussurea americana</i>  | Native                 | 6                                 |
| Asteraceae            | <i>Saussurea densa</i>  | Native                 | -                                 |
| Asteraceae            | <i>Saussurea weberi</i>   | Native                 | -                                 |
| Saxifragaceae         | <i>Saxifraga adscendens</i>   | Native                 | 6                                 |
| Saxifragaceae         | <i>Saxifraga bronchialis</i>  | Native                 | -                                 |
| Saxifragaceae         | <i>Saxifraga cernua</i>   | Native                 | 8                                 |
| Saxifragaceae         | <i>Saxifraga cespitosa</i>  | Native                 | 6                                 |
| <b>Saxifragaceae</b>  | <b><i>Saxifraga chrysanthia</i></b><br><b>syn. <i>Saxifraga serpyllifolia</i></b> | <b>Native</b>          | <b>9</b>                          |
| Saxifragaceae         | <i>Saxifraga flagellaris</i>  | Native                 | -                                 |
| <b>Saxifragaceae</b>  | <b><i>Saxifraga hirculus</i></b>  | <b>Native</b>          | <b>insuff. info.</b>              |
| Saxifragaceae         | <i>Saxifraga hyperborea</i>   | Native                 | -                                 |
| Saxifragaceae         | <i>Saxifraga mertensiana</i>  | Native                 | 7                                 |
| Saxifragaceae         | <i>Saxifraga oppositifolia</i>  | Native                 | 5                                 |
| Saxifragaceae         | <i>Saxifraga rivularis</i>  | Native                 | 8                                 |
| Saxifragaceae         | <i>Saxifraga tolmiei</i>  | Native                 | 7                                 |
| Poaceae               | <i>Schedonnardus paniculatus</i>  | Native                 | -                                 |
| Poaceae               | <i>Schedonorus arundinaceus</i>   | Exotic                 | 0                                 |
| Poaceae               | <i>Schedonorus pratensis</i>  | Exotic                 | 0                                 |

| FAMILY NAME       | SCIENTIFIC NAME <sup>1</sup>  | ORIGIN                        | 2015/2016 C-VALUE <sup>3</sup> |
|-------------------|---|-------------------------------|--------------------------------|
| Scheuchzeriaceae  | <i>Scheuchzeria palustris</i>   | Native                        | 10                             |
| Poaceae           | <i>Schizachne purpurascens</i>  | Native                        | -                              |
| <b>Poaceae</b>    | <b><i>Schizachyrium scoparium</i></b>   | <b>Native</b>                 | <b>4</b>                       |
| Brassicaceae      | <i>Schoenocrambe linifolia</i>  | Native                        | -                              |
| Cyperaceae        | <i>Schoenoplectus acutus</i>  | Native                        | 5                              |
| Cyperaceae        | <i>Schoenoplectus americanus</i>  | Native                        | 6                              |
| Cyperaceae        | <i>Schoenoplectus heterochaetus</i>   | Native                        | 8                              |
| Cyperaceae        | <i>Schoenoplectus pungens</i>   | Native                        | 6                              |
| Cyperaceae        | <i>Schoenoplectus subterminalis</i>   | Native                        | 9                              |
| Cyperaceae        | <i>Schoenoplectus tabernaemontani</i>   | Native                        | 6                              |
| Cyperaceae        | <i>Scirpus atrocinatus</i>  | Native                        | 4                              |
| <b>Cyperaceae</b> | <b><i>Scirpus atrovirens</i></b>  | <b>Native</b>                 | <b>insuff. info.</b>           |
| Cyperaceae        | <i>Scirpus cyperinus</i>  | Native                        | 1                              |
| Cyperaceae        | <i>Scirpus microcarpus</i>  | Native                        | 5                              |
| Cyperaceae        | <i>Scirpus pallidus</i>   | Native                        | 4                              |
| <b>Cyperaceae</b> | <b><i>Scirpus pendulus</i></b>  | <b>Native</b>                 | <b>insuff. info.</b>           |
| Caryophyllaceae   | <i>Scleranthus annuus</i>   | Exotic                        | 1                              |
| Poaceae           | <i>Sclerochloa dura</i>   | Exotic                        | 1                              |
| <b>Poaceae</b>    | <b><i>Scolochloa festucacea</i></b>   | <b>Native</b>                 | <b>7</b>                       |
| Asteraceae        | <i>Scorzonera laciniata</i>   | Exotic                        | 0                              |
| Scrophulariaceae  | <i>Scrophularia lanceolata</i>  | Native                        | 4                              |
| Lamiaceae         | <i>Scutellaria galericulata</i>   | Native                        | 6                              |
| Poaceae           | <i>Secale cereale</i>   | Exotic                        | 1                              |
| Crassulaceae      | <i>Sedum acre</i>   | Exotic                        | 1                              |
| Crassulaceae      | <i>Sedum borschii</i>   | Native                        | -                              |
| Crassulaceae      | <i>Sedum debile</i>   | Native                        | -                              |
| Crassulaceae      | <i>Sedum integrifolium</i>  | Native                        | -                              |
| Crassulaceae      | <i>Sedum lanceolatum</i>  | Native                        | -                              |
| Crassulaceae      | <i>Sedum rhodanthum</i>   | Native                        | 8                              |
| Crassulaceae      | <i>Sedum stenopetalum</i>   | Native                        | -                              |
| Selaginellaceae   | <i>Selaginella densa</i>  | Native                        | -                              |
| Selaginellaceae   | <i>Selaginella densa</i> var. <i>densa</i>  | Native                        | -                              |
| Selaginellaceae   | <i>Selaginella densa</i> var. <i>scopulorum</i>                                   | Native                        | -                              |
| Selaginellaceae   | <i>Selaginella densa</i> var. <i>standleyi</i>                                    | Native                        | -                              |
| Selaginellaceae   | <i>Selaginella selaginoides</i>   | Native                        | 8                              |
| Selaginellaceae   | <i>Selaginella wallacii</i>   | Native                        | -                              |
| Selaginellaceae   | <i>Selaginella watsonii</i>   | Native                        | -                              |
| <b>Asteraceae</b> | <b><i>Senecio amplectens</i></b>  | <b>Native</b>                 | <b>8</b>                       |
| Asteraceae        | <i>Senecio canus</i>  | Native                        | -                              |
| <b>Asteraceae</b> | <b><i>Senecio congestus</i></b>   | <b>Unknown / Undetermined</b> | <b>insuff. info.</b>           |
| Asteraceae        | <i>Senecio conterminous</i>   | Native                        | -                              |
| Asteraceae        | <i>Senecio crassulus</i>  | Native                        | 7                              |
| Asteraceae        | <i>Senecio cymbalariaeoides</i><br>syn. <i>Packera subnuda</i> <sup>2</sup>       | Native                        | 7                              |
| Asteraceae        | <i>Senecio debilis</i><br>syn. <i>Packera debilis</i> <sup>2</sup>                | Native                        | 8                              |
| Asteraceae        | <i>Senecio dimorphophyllus</i><br>syn. <i>Packera dimorphophylla</i> <sup>2</sup> | Native                        | 7                              |
| Asteraceae        | <i>Senecio dimorphophyllus</i> var. <i>dimorphophyllus</i>                        | Native                        | -                              |
| Asteraceae        | <i>Senecio dimorphophyllus</i> var. <i>paysonii</i>                               | Native                        | -                              |
| Asteraceae        | <i>Senecio elmeri</i>   | Native                        | -                              |

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|-----------------|--|---------------------------|--------------------------------|
| Asteraceae      | <i>Senecio eremophilus</i>   | Native                    | 4                              |
| Asteraceae      | <i>Senecio fremontii</i>   | Native                    | -                              |
| Asteraceae      | <i>Senecio fuscatus</i>  | Native                    | -                              |
| Asteraceae      | <i>Senecio hydrophiloides</i>  | Native                    | 5                              |
| Asteraceae      | <i>Senecio hydrophilus</i>   | Native                    | 5                              |
| Asteraceae      | <i>Senecio indecorus</i><br>syn. <i>Packera indecora</i> <sup>2</sup>                        | Native                    | 6                              |
| Asteraceae      | <i>Senecio integerrimus</i>  | Native                    | 7                              |
| Asteraceae      | <i>Senecio integerrimus</i> var. <i>exaltatus</i>  | Native                    | -                              |
| Asteraceae      | <i>Senecio integerrimus</i> var. <i>integerrimus</i>   | Native                    | -                              |
| Asteraceae      | <i>Senecio integerrimus</i> var. <i>ochroleucus</i>  | Unknown /<br>Undetermined | -                              |
| Asteraceae      | <i>Senecio integerrimus</i> var. <i>scribneri</i>  | Native                    | -                              |
| Asteraceae      | <i>Senecio jacobaea</i>  | Exotic                    | 0                              |
| Asteraceae      | <i>Senecio lugens</i>  | Native                    | 5                              |
| Asteraceae      | <i>Senecio megacephalus</i>  | Native                    | -                              |
| Asteraceae      | <b><i>Senecio pauciflorus</i></b><br>syn. <i>Packera pauciflora</i> <sup>2</sup>             | Native                    | insuff. info.                  |
| Asteraceae      | <i>Senecio pauperculus</i><br>syn. <i>Packera paupercula</i> <sup>2</sup>                    | Native                    | 5                              |
| Asteraceae      | <b><i>Senecio plattensis</i></b><br>syn. <i>Packera plattensis</i> <sup>2</sup>              | Native                    | 4                              |
| Asteraceae      | <i>Senecio pseudauraeus</i><br>syn. <i>Packera pseudauraea</i> <sup>2</sup>                  | Native                    | 7                              |
| Asteraceae      | <i>Senecio serra</i>   | Native                    | 5                              |
| Asteraceae      | <i>Senecio sphaerocephalus</i>   | Native                    | 6                              |
| Asteraceae      | <b><i>Senecio streptanthifolius</i></b><br>syn. <i>Packera streptanthifolia</i> <sup>2</sup> | Native                    | 5                              |
| Asteraceae      | <i>Senecio triangularis</i>  | Native                    | 5                              |
| Asteraceae      | <i>Senecio vulgaris</i>  | Exotic                    | 0                              |
| Asteraceae      | <i>Senecio wernerifolius</i>   | Native                    | -                              |
| Poaceae         | <i>Setaria italica</i>   | Exotic                    | 1                              |
| Poaceae         | <i>Setaria pumila</i>  | Exotic                    | 1                              |
| Poaceae         | <i>Setaria verticillata</i>  | Exotic                    | 1                              |
| Poaceae         | <i>Setaria viridis</i>   | Exotic                    | 1                              |
| Elaeagnaceae    | <b><i>Shepherdia argentea</i></b>  | Native                    | 4                              |
| Elaeagnaceae    | <b><i>Shepherdia canadensis</i></b>  | Native                    | 4                              |
| Apiaceae        | <i>Shoshonea pulvinata</i>   | Native                    | -                              |
| Rosaceae        | <b><i>Sibbaldia procumbens</i></b>   | Native                    | 4                              |
| Malvaceae       | <i>Sidalcea oregana</i>  | Native                    | 3                              |
| Caryophyllaceae | <b><i>Silene acaulis</i></b>   | Native                    | 5                              |
| Caryophyllaceae | <i>Silene antirrhina</i>   | Native                    | -                              |
| Caryophyllaceae | <i>Silene conoidea</i>   | Exotic                    | 1                              |
| Caryophyllaceae | <i>Silene csereii</i>  | Exotic                    | 1                              |
| Caryophyllaceae | <i>Silene dichotoma</i>  | Exotic                    | 1                              |
| Caryophyllaceae | <i>Silene dioica</i>   | Exotic                    | 1                              |
| Caryophyllaceae | <i>Silene douglasii</i>  | Native                    | -                              |
| Caryophyllaceae | <i>Silene drummondii</i>   | Native                    | -                              |
| Caryophyllaceae | <i>Silene flos-cuculi</i>  | Exotic                    | 1                              |
| Caryophyllaceae | <i>Silene hitchguirei</i>  | Native                    | 8                              |
| Caryophyllaceae | <i>Silene latifolia</i>  | Exotic                    | 0                              |
| Caryophyllaceae | <i>Silene menziesii</i>  | Native                    | 6                              |
| Caryophyllaceae | <i>Silene noctiflora</i>   | Exotic                    | 1                              |

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|-------------------|--|---------------------------|-----------------------------------|
| Caryophyllaceae   | <i>Silene oregana</i>  | Native                    | -                                 |
| Caryophyllaceae   | <i>Silene parryi</i>   | Native                    | -                                 |
| Caryophyllaceae   | <i>Silene repens</i>   | Native                    | -                                 |
| Caryophyllaceae   | <i>Silene scouleri</i>   | Native                    | -                                 |
| Caryophyllaceae   | <i>Silene spaldingii</i>   | Native                    | -                                 |
| Caryophyllaceae   | <i>Silene uralensis</i>  | Native                    | 6                                 |
| Caryophyllaceae   | <i>Silene vulgaris</i>   | Exotic                    | 1                                 |
| Brassicaceae      | <i>Sinapis alba</i>  | Exotic                    | 1                                 |
| Brassicaceae      | <i>Sinapis arvensis</i>  | Exotic                    | 1                                 |
| Brassicaceae      | <i>Sisymbrium altissimum</i>   | Exotic                    | 0                                 |
| Brassicaceae      | <i>Sisymbrium loeselii</i>   | Exotic                    | 0                                 |
| Brassicaceae      | <i>Sisymbrium officinale</i>   | Exotic                    | 0                                 |
| <b>Iridaceae</b>  | <b><i>Sisyrinchium halophilum</i><sup>2</sup></b>                            |                           | <b>absent</b>                     |
| Iridaceae         | <i>Sisyrinchium idahoense</i>  | Native                    | 6                                 |
| Iridaceae         | <i>Sisyrinchium montanum</i>   | Native                    | 6                                 |
| Iridaceae         | <i>Sisyrinchium septentrionale</i>   | Native                    | 8                                 |
| Apiaceae          | <i>Sium suave</i>  | Native                    | 7                                 |
| Brassicaceae      | <i>Smelowskia calycina</i>   | Native                    | -                                 |
| Liliaceae         | <i>Smilacina racemosa</i>  | Native                    | 4                                 |
| Liliaceae         | <i>Smilacina stellata</i>  | Native                    | 4                                 |
| Smilacaceae       | <i>Smilax lasioneura</i>   | Native                    | 8                                 |
| Solanaceae        | <i>Solanum dulcamara</i>   | Exotic                    | 0                                 |
| <b>Solanaceae</b> | <b><i>Solanum nigrum</i><br/>syn. <i>Solanum ptychanthum</i><sup>2</sup></b> | <b>Native</b>             | <b>3</b>                          |
| Solanaceae        | <i>Solanum physalifolium</i>   | Exotic                    | 1                                 |
| Solanaceae        | <i>Solanum rostratum</i>   | Unknown /<br>Undetermined | -                                 |
| Solanaceae        | <i>Solanum triflorum</i>   | Native                    | -                                 |
| Asteraceae        | <i>Solidago canadensis</i>   | Native                    | 3                                 |
| Asteraceae        | <i>Solidago canadensis</i> var. <i>gilvacanescens</i>                        | Native                    | -                                 |
| Asteraceae        | <i>Solidago canadensis</i> var. <i>salebrosa</i>                             | Native                    | -                                 |
| Asteraceae        | <i>Solidago gigantea</i>   | Native                    | 6                                 |
| Asteraceae        | <i>Solidago missouriensis</i>  | Native                    | -                                 |
| Asteraceae        | <i>Solidago mollis</i>   | Native                    | -                                 |
| Asteraceae        | <i>Solidago multiradiata</i>   | Native                    | -                                 |
| Asteraceae        | <i>Solidago nana</i>   | Native                    | -                                 |
| Asteraceae        | <i>Solidago nemoralis</i>  | Native                    | -                                 |
| Asteraceae        | <i>Solidago ptarmicoides</i>   | Native                    | -                                 |
| <b>Asteraceae</b> | <b><i>Solidago rigida</i></b>  | <b>Native</b>             | <b>4</b>                          |
| <b>Asteraceae</b> | <b><i>Solidago simplex</i></b>   | <b>Native</b>             | <b>4</b>                          |
| Asteraceae        | <i>Solidago velutina</i>   | Native                    | -                                 |
| Asteraceae        | <i>Sonchus arvensis</i>  | Exotic                    | 0                                 |
| Asteraceae        | <i>Sonchus arvensis</i> ssp. <i>arvensis</i>                                 | Exotic                    | 0                                 |
| Asteraceae        | <i>Sonchus arvensis</i> ssp. <i>uliginosus</i>                               | Exotic                    | 0                                 |
| Asteraceae        | <i>Sonchus asper</i>   | Exotic                    | 0                                 |
| Asteraceae        | <i>Sonchus oleraceus</i>   | Exotic                    | 0                                 |
| Rosaceae          | <i>Sorbus aucuparia</i>  | Exotic                    | 1                                 |
| <b>Rosaceae</b>   | <b><i>Sorbus scopulina</i></b>   | <b>Native</b>             | <b>4</b>                          |
| Rosaceae          | <i>Sorbus sitchensis</i>   | Native                    | 5                                 |
| <b>Poaceae</b>    | <b><i>Sorghastrum nutans</i></b>   | <b>Native</b>             | <b>1</b>                          |
| Poaceae           | <i>Sorghum halepense</i>   | Exotic                    | 1                                 |
| Sparganiaceae     | <i>Sparganium angustifolium</i>  | Native                    | 7                                 |
| Sparganiaceae     | <i>Sparganium eurycarpum</i>   | Native                    | 7                                 |

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|-----------------|--|------------------------|--------------------------------|
| Sparganiaceae   | <i>Sparganium natans</i>                         | Native                 | 6                              |
| Poaceae         | <i>Spartina gracilis</i>                         | Native                 | 6                              |
| Poaceae         | <i>Spartina pectinata</i>                        | Native                 | 6                              |
| Caryophyllaceae | <i>Spergula arvensis</i>                         | Exotic                 | 0                              |
| Caryophyllaceae | <i>Spergularia media</i>                         | Exotic                 | 1                              |
| Caryophyllaceae | <i>Spergularia rubra</i>                         | Exotic                 | 0                              |
| Caryophyllaceae | <i>Spergularia salina</i>                        | Unknown / Undetermined | 8                              |
| Malvaceae       | <i>Sphaeralcea coccinea</i>                      | Native                 | -                              |
| Malvaceae       | <i>Sphaeralcea munroana</i>                      | Native                 | -                              |
| Asteraceae      | <i>Sphaeromeria argentea</i>                     | Native                 | -                              |
| Asteraceae      | <i>Sphaeromeria capitata</i>                     | Native                 | -                              |
| Fabaceae        | <i>Sphaerophysa salsula</i>                      | Exotic                 | 1                              |
| Poaceae         | <i>Sphenopholis intermedia</i>                   | Native                 | -                              |
| Poaceae         | <i>Sphenopholis obtusata</i>                     | Native                 | 7                              |
| <b>Rosaceae</b> | <b><i>Spiraea betulifolia</i></b>                | <b>Native</b>          | <b>4</b>                       |
| Rosaceae        | <i>Spiraea douglasii</i>                         | Native                 | 5                              |
| Rosaceae        | <i>Spiraea splendens</i>                         | Native                 | -                              |
| Rosaceae        | <i>Spiraea x pyramidata</i>                      | Native                 | -                              |
| Orchidaceae     | <i>Spiranthes diluvialis</i>                     | Native                 | 6                              |
| Orchidaceae     | <i>Spiranthes romanzoffiana</i>                  | Native                 | 6                              |
| Lemnaceae       | <i>Spirodela polyrrhiza</i>                      | Native                 | 7                              |
| Poaceae         | <i>Sporobolus airoides</i>                       | Native                 | 4                              |
| Poaceae         | <i>Sporobolus compositus</i>                     | Native                 | -                              |
| <b>Poaceae</b>  | <b><i>Sporobolus cryptandrus</i></b>             | <b>Native</b>          | <b>4</b>                       |
| <b>Poaceae</b>  | <b><i>Sporobolus heterolepis</i><sup>2</sup></b> |                        | <b>absent</b>                  |
| <b>Poaceae</b>  | <b><i>Sporobolus neglectus</i></b>               | <b>Native</b>          | <b>4</b>                       |
| Poaceae         | <i>Sporobolus vaginiflorus</i>                   | Unknown / Undetermined | -                              |
| Lamiaceae       | <i>Stachys palustris</i>                         | Native                 | 6                              |
| Brassicaceae    | <i>Stanleya pinnata</i>                          | Native                 | -                              |
| Brassicaceae    | <i>Stanleya pinnata</i> var. <i>integrifolia</i> | Native                 | -                              |
| Brassicaceae    | <i>Stanleya pinnata</i> var. <i>pinnata</i>      | Native                 | -                              |
| Brassicaceae    | <i>Stanleya tomentosa</i>                        | Native                 | -                              |
| Brassicaceae    | <i>Stanleya viridiflora</i>                      | Native                 | -                              |
| Caryophyllaceae | <i>Stellaria americana</i>                       | Native                 | -                              |
| Caryophyllaceae | <i>Stellaria borealis</i>                        | Native                 | 6                              |
| Caryophyllaceae | <i>Stellaria calycantha</i>                      | Native                 | 6                              |
| Caryophyllaceae | <i>Stellaria crassifolia</i>                     | Native                 | 5                              |
| Caryophyllaceae | <i>Stellaria crispa</i>                          | Native                 | 4                              |
| Caryophyllaceae | <i>Stellaria graminea</i>                        | Exotic                 | 1                              |
| Caryophyllaceae | <i>Stellaria jamesiana</i>                       | Native                 | -                              |
| Caryophyllaceae | <i>Stellaria longifolia</i>                      | Native                 | 6                              |
| Caryophyllaceae | <i>Stellaria longipes</i>                        | Native                 | 7                              |
| Caryophyllaceae | <i>Stellaria media</i>                           | Exotic                 | 0                              |
| Caryophyllaceae | <i>Stellaria nitens</i>                          | Native                 | -                              |
| Caryophyllaceae | <i>Stellaria obtusa</i>                          | Native                 | 3                              |
| Caryophyllaceae | <i>Stellaria umbellata</i>                       | Native                 | 7                              |
| Liliaceae       | <i>Stenanthium occidentale</i>                   | Native                 | 7                              |
| Asteraceae      | <i>Stenotus acaulis</i>                          | Native                 | -                              |
| Asteraceae      | <i>Stenotus armerioides</i>                      | Native                 | -                              |
| Asteraceae      | <i>Stenotus lanuginosus</i>                      | Native                 | -                              |
| Asteraceae      | <i>Stenotus multicaulis</i>                      | Native                 | -                              |

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|-------------------|---|-------------------------------|--------------------------------|
| Asteraceae        | <i>Stephanomeria runcinata</i>                        | Native                        | -                              |
| Asteraceae        | <i>Stephanomeria tenuifolia</i>                       | Native                        | -                              |
| Poaceae           | <i>Stipa comata</i>                                   | Native                        | -                              |
| Poaceae           | <i>Stipa curtiseta</i>                                | Native                        | -                              |
| Poaceae           | <i>Stipa lemmonii</i>                                 | Unknown / Undetermined        | -                              |
| Poaceae           | <i>Stipa lettermanii</i>                              | Native                        | -                              |
| Poaceae           | <i>Stipa nelsonii</i>                                 | Native                        | 6                              |
| Poaceae           | <i>Stipa occidentalis</i>                             | Native                        | -                              |
| Poaceae           | <i>Stipa pinetorum</i>                                | Native                        | -                              |
| Poaceae           | <i>Stipa richardsonii</i>                             | Native                        | -                              |
| Poaceae           | <i>Stipa spartea</i>                                  | Native                        | -                              |
| Poaceae           | <i>Stipa thurberiana</i>                              | Native                        | -                              |
| Poaceae           | <i>Stipa viridula</i>                                 | Native                        | -                              |
| Brassicaceae      | <i>Streptanthella longirostris</i>                    | Native                        | -                              |
| Liliaceae         | <i>Streptopus amplexifolius</i>                       | Native                        | 7                              |
| Liliaceae         | <i>Streptopus lanceolatus</i>                         | Native                        | -                              |
| Amaranthaceae     | <i>Suaeda calceoliformis</i>                          | Native                        | 3                              |
| Amaranthaceae     | <i>Suaeda nigra</i>                                   | Native                        | 6                              |
| Amaranthaceae     | <i>Suaeda occidentalis</i>                            | Native                        | 4                              |
| Amaranthaceae     | <i>Suckleya suckleyana</i>                            | Native                        | 3                              |
| Saxifragaceae     | <i>Suksdorfia ranunculifolia</i>                      | Native                        | 7                              |
| Saxifragaceae     | <i>Suksdorfia violacea</i>                            | Native                        | 8                              |
| Saxifragaceae     | <i>Sullivantia hapemanii</i>                          | Native                        | 10                             |
| Gentianaceae      | <i>Swertia perennis</i>                               | Native                        | 7                              |
| Caprifoliaceae    | <i>Symphoricarpos albus</i>                           | Native                        | 3                              |
| Caprifoliaceae    | <i>Symphoricarpos occidentalis</i>                    | Native                        | 4                              |
| Caprifoliaceae    | <i>Symphoricarpos oreophilus</i>                      | Native                        | -                              |
| Asteraceae        | <i>Symphyotrichum ascendens</i>                       | Native                        | 2                              |
| Asteraceae        | <i>Symphyotrichum boreale</i>                         | Native                        | 7                              |
| Asteraceae        | <i>Symphyotrichum campestre</i>                       | Native                        | -                              |
| Asteraceae        | <i>Symphyotrichum ciliatum</i>                        | Native                        | 6                              |
| Asteraceae        | <i>Symphyotrichum ciliolatum</i>                      | Native                        | 5                              |
| Asteraceae        | <i>Symphyotrichum cusickii</i>                        | Native                        | -                              |
| Asteraceae        | <i>Symphyotrichum eatonii</i>                         | Native                        | 5                              |
| Asteraceae        | <i>Symphyotrichum ericoides</i>                       | Native                        | 6                              |
| <b>Asteraceae</b> | <b><i>Symphyotrichum falcatum</i></b>                 | <b>Native</b>                 | <b>3</b>                       |
| Asteraceae        | <i>Symphyotrichum foliaceum</i>                       | Native                        | 5                              |
| Asteraceae        | <i>Symphyotrichum foliaceum</i> var. <i>apricum</i>   | Native                        | -                              |
| Asteraceae        | <i>Symphyotrichum foliaceum</i> var. <i>foliaceum</i> | Native                        | -                              |
| Asteraceae        | <i>Symphyotrichum foliaceum</i> var. <i>parryi</i>    | Native                        | -                              |
| <b>Asteraceae</b> | <b><i>Symphyotrichum frondosum</i><sup>2</sup></b>    | <b>Unknown / Undetermined</b> | <b>NA</b>                      |
| Asteraceae        | <i>Symphyotrichum hendersonii</i>                     | Native                        | -                              |
| Asteraceae        | <i>Symphyotrichum laeve</i>                           | Native                        | -                              |
| Asteraceae        | <i>Symphyotrichum lanceolatum</i>                     | Native                        | 4                              |
| Asteraceae        | <i>Symphyotrichum molle</i>                           | Native                        | -                              |
| Asteraceae        | <i>Symphyotrichum oblongifolium</i>                   | Native                        | -                              |
| Asteraceae        | <i>Symphyotrichum spathulatum</i>                     | Native                        | 5                              |
| Asteraceae        | <i>Symphyotrichum subspicatum</i>                     | Native                        | 6                              |
| Boraginaceae      | <i>Sympytum officinale</i>                            | Exotic                        | 0                              |
| Plantaginaceae    | <i>Synthyris canbyi</i>                               | Native                        | -                              |
| Plantaginaceae    | <i>Synthyris missurica</i>                            | Native                        | -                              |

| FAMILY NAME          | SCIENTIFIC NAME <sup>1</sup>                  | ORIGIN                        | 2015/2016 C-VALUE <sup>3</sup> |
|----------------------|---|-------------------------------|--------------------------------|
| Plantaginaceae       | <i>Synthyris pinnatifida</i>                  | Native                        | -                              |
| Tamaricaceae         | <i>Tamarix ramosissima</i>                    | Exotic                        | 0                              |
| Asteraceae           | <i>Tanacetum balsamita</i>                    | Exotic                        | 1                              |
| Asteraceae           | <i>Tanacetum parthenium</i>                   | Exotic                        | 1                              |
| Asteraceae           | <i>Tanacetum vulgare</i>                      | Exotic                        | 0                              |
| <b>Asteraceae</b>    | <b><i>Taraxacum ceratophorum</i></b>          | <b>Native</b>                 | <b>6</b>                       |
| Asteraceae           | <i>Taraxacum erythrospermum</i>               | Exotic                        | 0                              |
| Asteraceae           | <i>Taraxacum lyratum</i>                      | Native                        | -                              |
| Asteraceae           | <i>Taraxacum officinale</i>                   | Exotic                        | 0                              |
| <b>Taxaceae</b>      | <b><i>Taxus brevifolia</i></b>                | <b>Native</b>                 | <b>7</b>                       |
| Saxifragaceae        | <i>Telesonix heucheriformis</i>               | Native                        | -                              |
| <b>Saxifragaceae</b> | <b><i>Tellima grandiflora</i></b>             | <b>Native</b>                 | <b>7</b>                       |
| Asteraceae           | <i>Tetradymia canescens</i>                   | Native                        | -                              |
| Asteraceae           | <i>Tetradymia spinosa</i>                     | Unknown / Undetermined        | -                              |
| Lamiaceae            | <i>Teucrium canadense</i>                     | Native                        | 6                              |
| Ranunculaceae        | <i>Thalictrum alpinum</i>                     | Native                        | 9                              |
| Ranunculaceae        | <i>Thalictrum dasycarpum</i>                  | Native                        | 5                              |
| <b>Ranunculaceae</b> | <b><i>Thalictrum fendleri</i></b>             | <b>Unknown / Undetermined</b> | <b>insuff. info.</b>           |
| Ranunculaceae        | <i>Thalictrum occidentale</i>                 | Native                        | 5                              |
| Ranunculaceae        | <i>Thalictrum sparsiflorum</i>                | Native                        | 5                              |
| Ranunculaceae        | <i>Thalictrum venulosum</i>                   | Native                        | 4                              |
| Asteraceae           | <i>Thelesperma megapotamicum</i>              | Unknown / Undetermined        | -                              |
| Asteraceae           | <i>Thelesperma subnudum</i>                   | Native                        | -                              |
| Brassicaceae         | <i>Thelypodium integrifolium</i>              | Native                        | 6                              |
| Brassicaceae         | <i>Thelypodium paniculatum</i>                | Native                        | -                              |
| Brassicaceae         | <i>Thelypodium sagittatum</i>                 | Native                        | 6                              |
| Fabaceae             | <i>Thermopsis montana</i>                     | Native                        | 6                              |
| Fabaceae             | <i>Thermopsis montana</i> var. <i>montana</i> | Native                        | -                              |
| Fabaceae             | <i>Thermopsis montana</i> var. <i>ovata</i>   | Native                        | -                              |
| <b>Fabaceae</b>      | <b><i>Thermopsis rhombifolia</i></b>          | <b>Native</b>                 | <b>4</b>                       |
| Santalaceae          | <i>Thesium arvense</i>                        | Exotic                        | 1                              |
| Brassicaceae         | <i>Thlaspi arvense</i>                        | Exotic                        | 0                              |
| Cupressaceae         | <i>Thuja plicata</i>                          | Native                        | 7                              |
| Lamiaceae            | <i>Thymus praecox</i>                         | Exotic                        | 1                              |
| Saxifragaceae        | <i>Tiarella trifoliata</i>                    | Native                        | 5                              |
| Crassulaceae         | <i>Tillaea aquatica</i>                       | Native                        | 6                              |
| Liliaceae            | <i>Tofieldia pusilla</i>                      | Native                        | 9                              |
| Asteraceae           | <i>Tonestus aberrans</i>                      | Native                        | -                              |
| Asteraceae           | <i>Tonestus lyallii</i>                       | Native                        | -                              |
| Asteraceae           | <i>Tonestus pygmaeus</i>                      | Native                        | -                              |
| Poaceae              | <i>Torreyochloa pallida</i>                   | Native                        | 7                              |
| Asteraceae           | <i>Townsendia condensata</i>                  | Native                        | -                              |
| Asteraceae           | <i>Townsendia exscapa</i>                     | Native                        | -                              |
| Asteraceae           | <i>Townsendia florifer</i>                    | Native                        | -                              |
| Asteraceae           | <i>Townsendia hookeri</i>                     | Native                        | -                              |
| Asteraceae           | <i>Townsendia incana</i>                      | Native                        | -                              |
| Asteraceae           | <i>Townsendia leptotes</i>                    | Native                        | -                              |
| Asteraceae           | <i>Townsendia montana</i>                     | Native                        | -                              |
| Asteraceae           | <i>Townsendia parryi</i>                      | Native                        | -                              |
| Asteraceae           | <i>Townsendia spathulata</i>                  | Native                        | -                              |

| FAMILY NAME      | SCIENTIFIC NAME <sup>1</sup>  | ORIGIN                        | 2015/2016 C-VALUE <sup>3</sup> |
|------------------|---|-------------------------------|--------------------------------|
| Anacardiaceae    | <i>Toxicodendron rydbergii</i>  | Native                        | 4                              |
| Commelinaceae    | <b><i>Tradescantia bracteata</i></b>                                  | <b>Unknown / Undetermined</b> | <b>NA</b>                      |
| Commelinaceae    | <i>Tradescantia occidentalis</i>                                      | Native                        | 4                              |
| Asteraceae       | <i>Tragopogon dubius</i>  | Exotic                        | 0                              |
| Asteraceae       | <i>Tragopogon porrifolius</i>   | Exotic                        | 1                              |
| Asteraceae       | <i>Tragopogon pratensis</i>   | Exotic                        | 1                              |
| Brassicaceae     | <i>Transberingia bursifolia</i> ssp. <i>virgata</i>                   | Native                        | -                              |
| Ranunculaceae    | <i>Trautvetteria carolinensis</i>                                     | Native                        | 8                              |
| Liliaceae        | <i>Triantha occidentalis</i>  | Native                        | 7                              |
| Zygophyllaceae   | <i>Tribulus terrestris</i>  | Exotic                        | 0                              |
| Cyperaceae       | <i>Trichophorum alpinum</i>   | Native                        | 9                              |
| Cyperaceae       | <i>Trichophorum cespitosum</i>  | Native                        | 8                              |
| Cyperaceae       | <i>Trichophorum pumilum</i>   | Native                        | 10                             |
| Fabaceae         | <i>Trifolium arvense</i>  | Exotic                        | 1                              |
| Fabaceae         | <i>Trifolium aureum</i>   | Exotic                        | 0                              |
| Fabaceae         | <i>Trifolium beckwithii</i>   | Native                        | 4                              |
| Fabaceae         | <i>Trifolium campestre</i>  | Exotic                        | 1                              |
| Fabaceae         | <i>Trifolium cyathiferum</i>  | Native                        | 3                              |
| <b>Fabaceae</b>  | <b><i>Trifolium dasypodium</i></b>                                    | <b>Native</b>                 | <b>4</b>                       |
| Fabaceae         | <b><i>Trifolium doulgasii</i></b> <sup>2</sup>                        |                               | <b>absent</b>                  |
| Fabaceae         | <i>Trifolium dubium</i>   | Exotic                        | 1                              |
| Fabaceae         | <i>Trifolium eriocephalum</i>   | Native                        | 4                              |
| Fabaceae         | <i>Trifolium eriocephalum</i> ssp. <i>arcuatum</i>                    | Native                        | -                              |
| Fabaceae         | <i>Trifolium fragiferum</i>   | Exotic                        | 0                              |
| Fabaceae         | <i>Trifolium gymnocarpon</i>  | Native                        | -                              |
| <b>Fabaceae</b>  | <b><i>Trifolium haydenii</i></b>                                      | <b>Native</b>                 | <b>4</b>                       |
| Fabaceae         | <i>Trifolium hybridum</i>   | Exotic                        | 0                              |
| Fabaceae         | <i>Trifolium latifolium</i>   | Native                        | -                              |
| Fabaceae         | <i>Trifolium longipes</i>   | Native                        | 6                              |
| Fabaceae         | <i>Trifolium microcephalum</i>  | Native                        | 1                              |
| Fabaceae         | <i>Trifolium nanum</i>  | Native                        | 8                              |
| Fabaceae         | <i>Trifolium parryi</i>   | Native                        | 7                              |
| Fabaceae         | <i>Trifolium pratense</i>   | Exotic                        | 0                              |
| Fabaceae         | <i>Trifolium repens</i>   | Exotic                        | 0                              |
| <b>Fabaceae</b>  | <b><i>Trifolium variegatum</i></b>                                    | <b>Native</b>                 | <b>2</b>                       |
| Fabaceae         | <b><i>Trifolium wormskioldii</i></b> <sup>2</sup>                     |                               | <b>absent</b>                  |
| Juncaginaceae    | <i>Triglochin maritima</i>  | Native                        | 8                              |
| Juncaginaceae    | <i>Triglochin palustris</i>   | Native                        | 7                              |
| <b>Liliaceae</b> | <b><i>Trillium ovatum</i></b>   | <b>Native</b>                 | <b>6</b>                       |
| Campanulaceae    | <i>Triodanis leptocarpa</i>   | Native                        | -                              |
| Campanulaceae    | <i>Triodanis perfoliata</i>   | Native                        | 1                              |
| Asteraceae       | <i>Tripleurospermum inodorum</i>                                      | Exotic                        | 1                              |
| Nyctaginaceae    | <i>Tripteroxylyx micranthus</i>                                       | Native                        | -                              |
| Poaceae          | <i>Trisetum canescens</i>   | Native                        | -                              |
| <b>Poaceae</b>   | <b><i>Trisetum cernuum</i></b>  | <b>Native</b>                 | <b>4</b>                       |
| <b>Poaceae</b>   | <b><i>Trisetum orthochaetum</i></b>                                   | <b>Native</b>                 | <b>NA</b>                      |
| <b>Poaceae</b>   | <b><i>Trisetum spicatum</i></b>                                       | <b>Native</b>                 | <b>4</b>                       |
| Poaceae          | <i>Trisetum wolfii</i>  | Native                        | 4                              |
| Liliaceae        | <i>Triteleia grandiflora</i>  | Native                        | -                              |
| Poaceae          | <i>Triticum aestivum</i>  | Exotic                        | 1                              |
| Ranunculaceae    | <i>Trollius albiflorus</i><br>syn. <i>Trollius laxus</i> <sup>2</sup> | Native                        | 7                              |

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|----------------------|--|------------------------|--------------------------------|
| Pinaceae             | <b>Tsuga heterophylla</b>                | Native                 | <b>6</b>                       |
| Pinaceae             | <b>Tsuga mertensiana</b>                 | Native                 | <b>8</b>                       |
| Brassicaceae         | Turritis glabra                          | Exotic                 | 1                              |
| <b>Typhaceae</b>     | <b>Typha angustifolia</b>                | <b>Likely Native</b>   | <b>3</b>                       |
| Typhaceae            | Typha latifolia                          | Native                 | 3                              |
| Ulmaceae             | Ulmus americana                          | Native                 | 9                              |
| Ulmaceae             | Ulmus pumila                             | Exotic                 | 0                              |
| Urticaceae           | Urtica dioica                            | Native                 | 3                              |
| Urticaceae           | Urtica dioica ssp. gracilis              | Native                 | -                              |
| Urticaceae           | Urtica dioica ssp. holosericea           | Native                 | -                              |
| Lentibulariaceae     | Utricularia intermedia                   | Native                 | 10                             |
| Lentibulariaceae     | Utricularia macrorhiza                   | Native                 | 5                              |
| Lentibulariaceae     | Utricularia minor                        | Native                 | 10                             |
| Lentibulariaceae     | Utricularia ochroleuca                   | Native                 | 10                             |
| Caryophyllaceae      | Vaccaria hispanica                       | Exotic                 | 1                              |
| Ericaceae            | Vaccinium cespitosum                     | Native                 | 5                              |
| <b>Ericaceae</b>     | <b>Vaccinium membranaceum</b>            | <b>Native</b>          | <b>4</b>                       |
| Ericaceae            | Vaccinium myrtilloides                   | Native                 | 6                              |
| <b>Ericaceae</b>     | <b>Vaccinium myrtillus</b>               | <b>Native</b>          | <b>4</b>                       |
| Ericaceae            | <b>Vaccinium ovalifolium<sup>2</sup></b> |                        | <b>absent</b>                  |
| <b>Ericaceae</b>     | <b>Vaccinium scoparium</b>               | <b>Native</b>          | <b>4</b>                       |
| Ericaceae            | Vaccinium uliginosum                     | Native                 | 8                              |
| Poaceae              | Vahlodea atropurpurea                    | Native                 | 7                              |
| Valerianaceae        | Valeriana acutiloba                      | Native                 | 7                              |
| Valerianaceae        | Valeriana dioica                         | Native                 | 5                              |
| Valerianaceae        | Valeriana edulis                         | Native                 | 7                              |
| Valerianaceae        | Valeriana occidentalis                   | Native                 | 7                              |
| <b>Valerianaceae</b> | <b>Valeriana scouleri</b>                | <b>Native</b>          | <b>NA</b>                      |
| Valerianaceae        | Valeriana sitchensis                     | Native                 | 7                              |
| Valerianaceae        | Valerianella locusta                     | Exotic                 | 1                              |
| Poaceae              | Ventenata dubia                          | Exotic                 | 0                              |
| Liliaceae            | Veratrum californicum                    | Native                 | 4                              |
| Liliaceae            | Veratrum viride                          | Native                 | 7                              |
| Scrophulariaceae     | Verbascum blattaria                      | Exotic                 | 1                              |
| Scrophulariaceae     | Verbascum thapsus                        | Exotic                 | 0                              |
| Verbenaceae          | Verbena bipinnatifida                    | Unknown / Undetermined | -                              |
| Verbenaceae          | Verbena bracteata                        | Native                 | 3                              |
| Verbenaceae          | Verbena hastata                          | Native                 | 6                              |
| Verbenaceae          | Verbena stricta                          | Unknown / Undetermined | -                              |
| <b>Asteraceae</b>    | <b>Verbesina encelioides</b>             | <b>Likely Exotic</b>   | <b>1</b>                       |
| Plantaginaceae       | Veronica americana                       | Native                 | 5                              |
| Plantaginaceae       | Veronica anagallis-aquatica              | Exotic                 | 0                              |
| Plantaginaceae       | Veronica arvensis                        | Exotic                 | 0                              |
| Plantaginaceae       | Veronica biloba                          | Exotic                 | 1                              |
| Plantaginaceae       | Veronica chamaedrys                      | Exotic                 | 1                              |
| Plantaginaceae       | Veronica cusickii                        | Native                 | 7                              |
| Plantaginaceae       | Veronica longifolia                      | Exotic                 | 1                              |
| Plantaginaceae       | Veronica officinalis                     | Exotic                 | 0                              |
| Plantaginaceae       | Veronica peregrina                       | Native                 | 4                              |
| Plantaginaceae       | Veronica persica                         | Exotic                 | 1                              |
| Plantaginaceae       | Veronica scutellata                      | Native                 | 6                              |

| FAMILY NAME       | SCIENTIFIC NAME <sup>1</sup>                            | ORIGIN                        | 2015/2016 C-VALUE <sup>3</sup> |
|-------------------|---|-------------------------------|--------------------------------|
| Plantaginaceae    | <i>Veronica serpyllifolia</i>                           | Native/Exotic                 | -                              |
| Plantaginaceae    | <i>Veronica serpyllifolia</i> ssp. <i>humifusa</i>      | Native                        | 2                              |
| Plantaginaceae    | <i>Veronica serpyllifolia</i> ssp. <i>serpyllifolia</i> | Exotic                        | 0                              |
| Plantaginaceae    | <i>Veronica verna</i>                                   | Exotic                        | 1                              |
| Plantaginaceae    | <i>Veronica wormskjoldii</i>                            | Native                        | 7                              |
| Caprifoliaceae    | <i>Viburnum edule</i>                                   | Native                        | 8                              |
| Caprifoliaceae    | <i>Viburnum lantana</i>                                 | Exotic                        | 1                              |
| Caprifoliaceae    | <i>Viburnum lentago</i>                                 | Native                        | 6                              |
| Caprifoliaceae    | <i>Viburnum opulus</i>                                  | Native                        | 1                              |
| Fabaceae          | <i>Vicia americana</i>                                  | Native                        | 3                              |
| Fabaceae          | <i>Vicia americana</i> ssp. <i>americana</i>            | Native                        | -                              |
| Fabaceae          | <i>Vicia americana</i> ssp. <i>minor</i>                | Native                        | -                              |
| Fabaceae          | <i>Vicia cracca</i>                                     | Exotic                        | 1                              |
| Fabaceae          | <i>Vicia sativa</i>                                     | Exotic                        | 1                              |
| Fabaceae          | <i>Vicia tetrasperma</i>                                | Exotic                        | 1                              |
| Fabaceae          | <i>Vicia villosa</i>                                    | Exotic                        | 1                              |
| Asteraceae        | <i>Viguiera multiflora</i>                              | Native                        | -                              |
| Violaceae         | <i>Viola adunca</i>                                     | Native                        | 5                              |
| Violaceae         | <i>Viola arvensis</i>                                   | Exotic                        | 1                              |
| <b>Violaceae</b>  | <b><i>Viola canadensis</i></b>                          | <b>Native</b>                 | <b>4</b>                       |
| Violaceae         | <i>Viola glabella</i>                                   | Native                        | 4                              |
| Violaceae         | <i>Viola macloskeyi</i>                                 | Native                        | 8                              |
| Violaceae         | <i>Viola nephrophylla</i>                               | Native                        | 8                              |
| Violaceae         | <i>Viola nuttallii</i>                                  | Native                        | -                              |
| Violaceae         | <i>Viola nuttallii</i> var. <i>praemorsa</i>            | Native                        | -                              |
| Violaceae         | <i>Viola nuttallii</i> var. <i>vallicola</i>            | Native                        | -                              |
| Violaceae         | <i>Viola orbiculata</i>                                 | Native                        | -                              |
| Violaceae         | <i>Viola palustris</i>                                  | Native                        | 7                              |
| <b>Violaceae</b>  | <b><i>Viola pedatifida</i></b>                          | <b>Native</b>                 | <b>insuff. info.</b>           |
| Violaceae         | <i>Viola purpurea</i>                                   | Native                        | -                              |
| Violaceae         | <i>Viola renifolia</i>                                  | Native                        | 8                              |
| Violaceae         | <i>Viola selkirkii</i>                                  | Native                        | -                              |
| Violaceae         | <i>Viola septentrionalis</i>                            | Native                        | -                              |
| Vitaceae          | <i>Vitis riparia</i>                                    | Native                        | 5                              |
| Poaceae           | <i>Vulpia bromoides</i>                                 | Exotic                        | 1                              |
| Poaceae           | <i>Vulpia microstachys</i>                              | Unknown / Undetermined        | -                              |
| Poaceae           | <i>Vulpia myuros</i>                                    | Exotic                        | 1                              |
| <b>Poaceae</b>    | <b><i>Vulpia octoflora</i></b>                          | <b>Native</b>                 | <b>3</b>                       |
| Rosaceae          | <i>Waldsteinia idahoensis</i>                           | Native                        | -                              |
| <b>Lemnaceae</b>  | <b><i>Wolffia borealis</i></b>                          | <b>Native</b>                 | <b>insuff. info.</b>           |
| Lemnaceae         | <i>Wolffia brasiliensis</i>                             | Native                        | 7                              |
| Lemnaceae         | <i>Wolffia columbiana</i>                               | Native                        | 7                              |
| Dryopteridaceae   | <i>Woodsia oregana</i>                                  | Native                        | -                              |
| Dryopteridaceae   | <i>Woodsia scopulina</i>                                | Native                        | -                              |
| Asteraceae        | <i>Wyethia amplexicaulis</i>                            | Native                        | 3                              |
| Asteraceae        | <i>Wyethia helianthoides</i>                            | Native                        | 2                              |
| Asteraceae        | <i>Wyethia scabra</i>                                   | Native                        | -                              |
| <b>Poaceae</b>    | <b><i>x Elyhordeum macounii</i><sup>2</sup></b>         | <b>Unknown / Undetermined</b> | <b>NA</b>                      |
| Asteraceae        | <i>Xanthisma grindelioides</i>                          | Native                        | -                              |
| <b>Asteraceae</b> | <b><i>Xanthisma spinulosum</i></b>                      | <b>Native</b>                 | <b>4</b>                       |
| Asteraceae        | <i>Xanthium spinosum</i>                                | Exotic                        | 1                              |

| FAMILY NAME      | SCIENTIFIC NAME <sup>1</sup>  | ORIGIN                 | 2015/2016 C-VALUE <sup>3</sup> |
|------------------|---|------------------------|--------------------------------|
| Asteraceae       | <i>Xanthium strumarium</i>  | Native                 | 3                              |
| Liliaceae        | <i>Xerophyllum tenax</i>  | Native                 | 5                              |
| Asteraceae       | <i>Xylorhiza glabriuscula</i>   | Native                 | -                              |
| Agavaceae        | <i>Yucca glauca</i>   | Native                 | -                              |
| Zannichelliaceae | <i>Zannichellia palustris</i>   | Native                 | 8                              |
| Liliaceae        | <i>Zigadenus elegans</i>  | Native                 | 4                              |
| Liliaceae        | <i>Zigadenus paniculatus</i>  | Unknown / Undetermined | -                              |
| Liliaceae        | <i>Zigadenus venenosus</i><br>syn. <i>Toxicoscordion venenosum</i> <sup>2</sup> | Native                 | 5                              |
| Poaceae          | <i>Zizania aquatica</i>   | Exotic                 | 0                              |
| Apiaceae         | <i>Zizia aptera</i>   | Native                 | 7                              |
| <b>Apiaceae</b>  | <b><i>Zizia aurea</i><sup>2</sup></b>   |                        | <b>absent</b>                  |
| Zygophyllaceae   | <i>Zygophyllum fabago</i>   | Exotic                 | 1                              |

<sup>1</sup> Bolded species were evaluated by the 2016 panel. Non-bolded species were evaluated by the 2004-2005/2015 panels (except for species marked as ‘ - ’).

<sup>2</sup> Nomenclature used by the U.S. Army Corps of Engineers in the 2014 National Wetland Plant List. The 2016 panel re-evaluated many species and synonyms with historical reporting of occurring in Montana. Not all synonyms are presented in table.

<sup>3</sup> C-value codes: 1-10 defined in Table 3 and in Appendix A. ‘Absent’ means the species at this time is not documented to be present in Montana. ‘Insuff. Info.’ means a c-value cannot be assigned because there are too few collections and/or insufficient information to evaluate its response to disturbance and habitat requirements; some specimens may need a re-determination of the species. ‘NA’ means a c-value is not applicable because the plant is a hybrid, is reported without verification to occur in Montana, and/or the species is taxonomically unclear.